

Product number	Product name	Host	Format	Tested Applications	Reactivity
<b>AS08 300</b>	1   PEB (4x)   protein extraction buffer		5 x 2 ml (4x stock) allows up to 75 isolations of plant material (using 500 µl 1x PEB for 100 mg fresh weight) or 190 isolations of algal material (using 200 µl 1x PEB for cell amounts corresponding to 4-10 µg total chlorophyll)	protein extraction	PEB has been tested on a wide range of species and tissues from Higher plants, Mosses, Lichens, Algae, Diatoms, Dinoflagellates, Cyanobacteria.
<b>AS10 706-100</b>	3-nitroY   Nitrotyrosine	Mouse	100 µg	ELISA (ELISA), Flowcyt (Flow cytometry), Immunocytochemistry (ICC), Immunohistochemistry (IHC), Immunoprecipitation (IP), Western blot (WB)	Dog, Human, Mouse, Rat (predicted: Higher plants)
<b>AS10 706-25</b>	3-nitroY   Nitrotyrosine (25 µg)	Mouse	25 µg	ELISA (ELISA), Flowcyt (Flow cytometry), Immunocytochemistry (ICC), Immunohistochemistry (IHC), Immunoprecipitation (IP), Western blot (WB)	Dog, Human, Mouse, Rat (predicted: Higher plants)
<b>AS12 1871</b>	ABI2   Abscisic acid insensitive 2	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana</i>
<b>AS15 3029</b>	ACD   alpha crystalline domain of sHSP	Rabbit	50 µl	Western blot (WB)	recombinant sHSP with ACD domain (predicted: ACD domain of sHSP)
<b>AS09 521</b>	ACO1   Aconitase	Rabbit	100 µl	Western blot (WB)	<i>Arabidopsis thaliana ACO1, ACO2 and ACO3 isoforms, Brassica oleracea, Solanum lycopersicum</i> (predicted: <i>Cucurbita maxima, Nicotiana tabacum, Ricinus communis, Solanum tuberosum, Vitis vinifera, Oryza sativa, Zea mays, Picea sitcHensis, Populus trichocarpa</i> )

<b>AS10 685</b>	ADH   Alcohol dehydrogenase (hypoxia marker)	Rabbit	100 µl	Western blot (WB)	<i>Arabidopsis thaliana, Fragaria vesca, Oryza sativa, Phaseolus vulgaris</i>
<b>AS10 748</b>	ADH/ALDH   Alcohol/acetaldehyde dehydrogenase (bacterial/algal)	Rabbit	200 µl	Western blot (WB)	<i>Chlamydomonas reinhardtii, E.coli, Streptococcus pneumoniae (predicted: Algae, Nannochloropsis gaditana )</i>
<b>AS09 527P</b>	AGO1   Argonaute 1, Blocking peptide		100 µg	Neutralization assay (NeA)	
<b>AS13 2682</b>	AGO2   Argonaute 2	Rabbit	50 µg	Immunoprecipitation (IP), Western blot (WB)	<i>Arabidopsis thaliana (predicted: Capsella rubella, Solanum tuberosum )</i>
<b>AS13 2745</b>	AHB2   Hemoglobin 2	Rabbit	50 µl	Western blot (WB)	<i>Arabidopsis thaliana (predicted: Beta vulgaris, Brassica napus, Gossypium hirsutum, Solanum lycopersicum, Solanum tuberosum )</i>
<b>AS08 294</b>	ALD   Fructose-1,6 bisphosphate aldolase	Rabbit	100 µl	Western blot (WB)	<i>Arabidopsis thaliana, Brassica napus, Cicer arietinum, Eragrostis tef, Gracilaria gracilis (red algae), Oryza sativa, Plasmodium chabaudi, Plasmodium falciparum, Theilungiella salsuginea (predicted: Glycne max, Oryza sativa, Picea sitchensis, Physcomitrella patens, Pisum sativum, Populus jackii, Spinacia oleracea, Vitis vinifera, Zea mays )</i>
<b>AS18 4166</b>	ANN-1   Annexin-1	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana</i>
<b>AS09 384</b>	AO   ascorbate oxidase	Rabbit	1 mg	ELISA (ELISA), Immunohistochemistry (IHC), Western blot (WB)	<i>Cucurbita sp. (predicted: Glycne max, Oryza sativa )</i>
<b>AS09 383</b>	AO   ascorbate oxidase, Biotin conjugated	Rabbit	10 mg	ELISA (ELISA), Western blot (WB)	<i>Cucurbita sp. (predicted: Glycne max, Oryza sativa )</i>
<b>AS19 4337</b>	AO   L-ascorbate oxidase	Rabbit	50ug	ELISA (ELISA), Western blot (WB)	<i>Cucurbita maxima (predicted: Cucumis melo, Cucumis sativus, Nelumbo nucifera, Theobroma cacao )</i>
<b>AS06 152</b>	AOX1   Algal Alternative oxidase 1	Rabbit	50 µl	Western blot (WB)	<i>Chlamydomonas reinhardtii (predicted: Aspergillus niger, Gonium pectorale, Monoraphidium neglectum, Nannochloropsis gaditana, Ostreococcus lucimarinus, Tetrabaena socialis, Volvox carterii f. nagariensis )</i>

<b>AS04 054</b>	AOX1/2   Plant alternative oxidase 1 and 2	Rabbit	50 µl	Immunolocalization (IL), Western blot (WB)	<i>Arabidopsis thaliana, Betula nana, Beta vulgaris, Brassica napus, Brassica oleracea, Kandelia candel, Eriophorum vaginatum, Hordeum vulgare, Lupinus luteus, Nicotiana tabacum, Oryza sativa, Picea abies, Pisum sativum, Poa annua, Robinia pseudoacacia, Solanum lycopersicum, Solanum tuberosum, Symplocarpus renifolius, Physcomitrella patens, Tigriopus californicus, Triticum aestivum (predicted: Aegilops tauschii, Brachypodium distachyon, Capsella rubella, Citrus sinensis, Citrus clementina, Corylus heterophylla, Crocus sativus, Cucumis sativus, Daucus carota, Glycine max, Hypericum perforatum, Lotus japonicus, Malus x domestica, Medicago truncatula, Medicago sativa, Naegleria gruberi (amoeba), Nelumbo nucifera, Nicotiana benthamiana, Oryza brachyantha, Populus tremula, Picea sitchensis, Saccharum officinarum, Sauromatum venosum, Sorghum bicolor, Selaginella moellendorffii, Tetrahymena thermophila, Zea mays, Vigna radiata, Vigna unguiculata, Vitis vinifera)</i>
<b>AS09 520</b>	APase   acid phosphatase	Rabbit	1 mg	ELISA (ELISA), Immunofluorescence (IF), Immunohistochemistry (IHC), Western blot (WB)	<i>Solanum tuberosum (predicted: Glycne max, Ricinus communis )</i>
<b>AS09 541</b>	APase   acid phosphatase, Biotin conjugated	Rabbit	1 ml (10 mg/ml)	ELISA (ELISA), Immunofluorescence (IF), Immunohistochemistry (IHC), Western blot (WB)	<i>Solanum tuberosum (predicted: Glycne max, Ricinus communis )</i>
<b>AS08 368</b>	APX   L-ascorbate peroxidase	Rabbit	50 µl	Western blot (WB)	<i>Arabidopsis thaliana, Armeria maritima, Brassica sp., Capsicum annuum, Citrus sp., Digitaria sanguinalis, Echinochla crus-galli, Iris pumila, Liquidambar formosana, Manihot esculenta, Medicago sativa, Nicotiana tabacum thylakoid-bound APX, stromal APX; Oryza sativa, Panicum milaceum, Plumbago zeylanica, Schima superba, Silene</i>

					<i>vulgaris, Solanum lycopersicum, Spinacia oleracea (stromal APX, thylakoid-bound), Triticum aestivum (predicted: Brassica rapa subsp. oleifera Stromal APX; Glycine max, Glycine soja L-ascorbate peroxidase T, chloroplastic; Medicago truncatula thylakoid-bound APX; Mesembryanthemum crystallinum, Pisum sativum Chloroplast stromal ascorbate peroxidase 12; Solanum lycopersicum thylakoid-bound APX; Spinacia oleracea stromal APX; Theobroma cacao L-APX T isoform 3; Vitis vinifera Species of your interest not listed? Contact us)</i>
<b>AS15 2992</b>	APX1   Ascorbate peroxidase (algal)	Rabbit	50 µl	Western blot (WB)	<i>Chlamydomonas reinhardtii (predicted: Coccomyxa subellipsoidea C-169, Micromonas pusilla (strain CCMP1545), Nannochloropsis gaditana, Ostreococcus lucimarinus (strain CCE991), Ulva fasciata, Volvox carteri )</i>
<b>AS15 2831</b>	ATG4   Autophagy protein 4 (algal)	Rabbit	50 µl	Western blot (WB)	<i>Chlamydomonas reinhardtii (predicted: Coccomyxa subellipsoidea C-169, Tetraselmis sp. GSL18, Volvox carteri )</i>
<b>AS15 3060</b>	ATG5   Autophagy-related protein 5	Rabbit	50 µl	Western blot (WB)	Recombinant ATG5 of <i>Arabidopsis thaliana</i>
<b>AS15 3061</b>	ATG7   Ubiquitin-like modifier-activating enzyme atg7	Rabbit	50 µl	Western blot (WB)	<i>Arabidopsis thaliana (predicted: Actinidia chinensis var. chinensis, Cajanus cajan, Capsicum annuum, Corchorus olitorius, Cucumis melo, Glycine max, Glycine soja, Gossypium arboreum, Juglans regia, Malus domestica, Nelumbo nucifera, Nicotiana tabacum, Nicotiana benthamiana, Nicotiana glauca, Nicotiana glauca, Nicotiana glauca, Nicotiana glauca, Noctua caerulea, Prunus yedoensis var. nudiflora, Solanum chacoense, Vigna radiata )</i>
<b>AS14 2769</b>	ATG8   Autophagy-related protein	Rabbit	50 µl	Immunolocalization (IL), Western blot (WB)	<i>Arabidopsis thaliana, Aponogeton madagascariensis, Chlamydomonas reinhardtii, Populus trichocarpa, Solanum lycopersicum (predicted: Brassica napus, Micromonas sp., Physcomitrella patens, Pinus sitchensis, Solanum tuberosum, Volvox carteri )</i>
<b>AS11 1754</b>	ATPase AAA2 domain	Rabbit	200 µl	Western blot (WB)	<i>Arabidopsis thaliana, Chlamydomonas reinhardtii, Lupinus angustifolius, Pisum sativum, Solanum tuberosum,</i>

					<i>Synechococcus</i> sp. PCC 7942, <i>Zea mays</i> L. (predicted: AAA2 domain containing proteins including <i>Saccharomyces cerevisiae</i> HSP14. <i>Nannochloropsis gaditana</i> ClpB chaperone)
<b>AS16 4030</b>	BIK1   Botrytis-induced kinase 1	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana</i> (predicted: <i>Noccaea caerulescens</i> )
<b>AS09 481</b>	BiP   Luminal-binding protein (rabbit antibody)	Rabbit	50 µg	ELISA (ELISA), Immunofluorescence (IF), Immunogold (IG), Western blot (WB)	<i>Anacardium occidentale</i> , <i>Arabidopsis thaliana</i> , <i>Brassica napus</i> , <i>Chara australis</i> R.Br, <i>Chlamydomonas reinhardtii</i> , <i>Cucumis sativus</i> , <i>Mangifera indica</i> , <i>Monilophthora pernicioso</i> , <i>Nicotiana benthamiana</i> , <i>Nicotiana tabacum</i> , <i>Raphanus sativa</i> L. <i>Tokinashi-daikon</i> , <i>Olea europaea</i> , <i>Oryza sativa</i> , <i>Picea abies</i> , <i>Pistachio</i> sp., <i>Physcomitrella patens</i> , <i>Schinus molle</i> , <i>Spinacia oleracea</i> , <i>Solanum lycopersicum</i> , <i>Solanum tuberosum</i> , <i>Triticum aestivum</i> , <i>Zea mays</i> (predicted: <i>Arabis alpina</i> , <i>Capsella rubella</i> , <i>Capsicum annuum</i> , <i>Citrus clementina</i> , <i>Citrus sinsensis</i> , <i>Eucalyptus grandis</i> , <i>Glycine max</i> , <i>Hordeum vulgare</i> , <i>Isatis tinctorina</i> , <i>Prunus persica</i> , <i>Triticum aestivum</i> , <i>Petunia hybrida</i> , <i>Picea sitcHensis</i> , <i>Populus trichocarpa</i> , <i>Ricinus communis</i> , <i>Vitis vinifera</i> Species of your interest not listed? Contact us)
<b>AS09 481-HRP</b>	BiP   Luminal-binding protein, HRP-conjugated (40 µg)	Rabbit	40 µg	ELISA (ELISA), Western blot (WB)	<i>Arabidopsis thaliana</i> , <i>Brassica napus</i> , <i>Chlamydomonas reinhardtii</i> <i>Cucumis sativus</i> , <i>Nicotiana benthamiana</i> , <i>Raphanus sativa</i> L. <i>Tokinashi-daikon</i> , <i>Olea europaea</i> , <i>Picea abies</i> , <i>Physcomitrella patens</i> , <i>Spinacia oleracea</i> , <i>Solanum lycopersicum</i> , <i>Solanum tuberosum</i> , <i>Triticum aestivum</i> , <i>Zeay mays</i> (predicted: <i>Arabis alpina</i> , <i>Capsella rubella</i> , <i>Capsicum annuum</i> , <i>Citrus clementina</i> , <i>Citrus sinsensis</i> , <i>Eucalyptus grandis</i> , <i>Glycine max</i> , <i>Hordeum vulgare</i> , <i>Isatis tinctorina</i> , <i>Nicotiana tabacum</i> , <i>Oryza sativa</i> , <i>Prunus persica</i> , <i>Triticum aestivum</i> . <i>Picea sitcHensis</i> , <i>Populus trichocarpa</i> , <i>Ricinus communis</i> , <i>Vitis vinifera</i> )
<b>AS06 180</b>	cAPX   Ascorbate peroxidase (cytosolic) (plant)	Rabbit	100 µl	Immunoprecipitation (IP), Immunolocalization (IL), Western blot (WB)	<i>Arabidopsis thaliana</i> , <i>A. toxicaria</i> , <i>Hordeum vulgare</i> , <i>Nicotiana tabacum</i> , <i>Oryza sativa</i> , <i>Pisum sativum</i> , <i>Salicornia</i> sp., <i>Silene vulgaris</i> , <i>Solanum lycopersicum</i> ,

					<i>Solanum lycopersicum, Solanum tuberosum, Picea silvestris, Zea mays, Zygodphyllum fabago (predicted: Brassica. juncea, Citrus sinensis, Fragaria ananassa, Gossypium hirsutum, Solanum tuberosum, Sorghum bicolor, Pinus pinaster, Vitis vinifera )</i>
<b>AS15 2991</b>	Cat   Catalase (algal)	Rabbit	50 µl	Western blot (WB)	<i>Chlamydomonas reinhardtii, Scenedesmus sp. (predicted: Coccomyxa subellipsoidea C-169, Nannochloropsis gaditana, Ulva prolifera, Zosteria marina )</i>
<b>AS09 501</b>	Cat   Catalase (peroxisomal marker)	Rabbit	50 µl	Immunolocalization (IL), Immunoprecipitation (IP), Western blot (WB)	<i>Arabidopsis thaliana, Aponogeton madagascariensis, Brassica oleracea, Hordeum vulgare, Lupinus albus, Moniliophthora pernicioso, Musa acuminata, Musa paradisiaca L., Nicotiana bentamina, Nicotiana tabacum, Oryza sativa, Paulownia tomentosa, Plumbago zeylanica, Setaria italica L. P. Beauv, Solanum lycopersicum, Spinacia oleracea, Triticum aestivum, Zea mays, Vitis vinifera (predicted: Avicennia marina, Betula pendula, Brachypodium distachyon, Brassica campestris, Brassica napus, Brassica rapa subsp. pekinensis, Citrus sp., Citrus clementina, Citrus maxima, Camellia sinensis, Cucumis sativus, Cucurbita maxima, Cucurbita moschata, Elaeis guineensis var. tenera, Eucalyptus grandis, Fragaria ananassa, Glycine max, Gossypium mexicanum, Helianthus annuus, Hibiscus cannabinus, Litchi chinensis, Lupinus albus, Manihot esculenta, Morus notabilis, Nicotiana tabacum, Paenibacillus sp., Pinus pinea, Populus jackii, Prunus persica, Raphanus sativus, Saccharum officinarum, Sesamum indicum)</i>
<b>AS07 219</b>	CCS   Chloroplastic copper chaperone for SOD	Rabbit	200 µl	Western blot (WB)	<i>Arabidopsis thaliana, Brassica juncea, Oryza sativa, Zea mays (predicted: Glycne max, Solanum tuberosum )</i>
<b>AS06 179</b>	CDJ1   chloroplast DnaJ homolog 1	Rabbit	100 µl	Immunoprecipitation (IP), Western blot (WB)	<i>Chlamydomonas reinhardtii (predicted: Ostreococcus sp. )</i>
<b>AS16 4037</b>	CERK1   Chitin elicitor receptor kinase 1	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana (predicted: Arabidopsis thaliana)</i>

<b>AS06 176</b>	CGE1   Alfa-CGE1, chloroplastic GrpE homolog	Rabbit	100 µl	Immunoprecipitation (IP), Western blot (WB)	<i>Chlamydomonas reinhardtii</i> (predicted: <i>Chlamydomonas reinhardtii</i> )
<b>AS20 4418</b>	CLO3   Caleosin-3	Rabbit	100 µg	Western blot (WB)	<i>Arabidopsis thaliana</i> (predicted: <i>Brassica napus</i> , <i>Camelina sativa</i> , <i>Capsella rubella</i> , <i>Raphanus sativus</i> )
<b>AS16 4039</b>	ClpB1   Chaperone protein ClpB1 (cyanobacterial)	Rabbit	50 µl	Western blot (WB)	<i>Synechococcus sp. strain PCC 7942</i> (predicted: <i>Cyanobacteria</i> )
<b>AS16 4040</b>	ClpB2   Chaperone protein ClpB2 (cyanobacterial)	Rabbit	50 µl	Western blot (WB)	<i>Synechococcus sp. strain PCC 7942</i> (predicted: <i>Cyanobacteria</i> )
<b>AS09 459</b>	ClpB-P   ClpB3	Rabbit	200 µl	Western blot (WB)	<i>Arabidopsis thaliana</i> (predicted: <i>Populus trichocarpa</i> , <i>Ricinus communis</i> , <i>Vitis vinifera</i> )
<b>AS12 2637</b>	COI1   Coronate insensitive 1 (rabbit antibody)	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana</i> (predicted: <i>Brassica rapa</i> , <i>Glycine max</i> , <i>Medicago tribuloides</i> , <i>Nicotiana tabacum</i> , <i>Oryza sativa</i> , <i>Pisum sativum</i> , <i>Populus trichocarpa</i> , <i>Ricinus communis</i> , <i>Solanum lycopersicum</i> , <i>Vitis vinifera</i> )
<b>AS06 169</b>	COR14b   Cor14b-encoded cold regulated protein	Rabbit	100 µl	Western blot (WB)	<i>Hordeum vulgare</i>
<b>AS16 3110</b>	Cp2   Cysteine protease	Rabbit	50 µl	Western blot (WB)	<i>Carica papaya</i> (predicted: <i>Cajanus cajan</i> , <i>Cicer arietinum</i> , <i>Cucumis sativus</i> , <i>Glycine soja</i> , <i>Gossypium hirsutum</i> , <i>Medicago truncatula</i> , <i>Phaseolus vulgaris</i> , <i>Trifolium pratense</i> , <i>Vicia sativa</i> , <i>Vigna radiata var. radiata</i> )
<b>AS11 1807</b>	CPK-EF   Calcium-dependent protein kinase EF domain	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana</i> , <i>Hordeum vulgare</i> , <i>Populus sp.</i> , <i>Triticum aestivum</i> (predicted: <i>Brassica napus</i> , <i>Nicotiana tabacum</i> , <i>Oryza sativa</i> , <i>Solanum lycopersicum</i> , <i>Solanum tuberosum</i> )
<b>AS14 2768</b>	CPT6   cis-prenyltransferase 6	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana</i> (predicted: )
<b>AS06 170</b>	CSD2   Chloroplastic Cu/Zn superoxide dismutase	Rabbit	50 µl	Western blot (WB)	<i>Arabidopsis thaliana</i> , <i>Armeria maritima</i> , <i>Brassica juncea</i> , <i>Digitaria sanguinalis</i> , <i>Echinochloa crus-galli</i> , <i>Eragrostis tef</i> , <i>Iris pumila</i> , <i>Liquidambar formosana</i> , <i>Medicago sativa</i> , <i>Musa acuminata</i> , <i>Musa paradisiaca L.</i> , <i>Nepeta</i>

					<i>cataria, Nepeta rtanjensis, Oryza sativa, Phalenopsis Sogo Yukidian cultivar V3, Phaseolus vulgaris, Pisum sativum, Populus sp., Schima superba, Solanum lycopersicum, Solanum tuberosum, Zea mays (predicted: Cucumis melo, Glycne max, Pinus pinaster )</i>
<b>AS10 652</b>	Cu/ZnSOD   Cu/Zn superoxide dismutase (chicken antibody)	Chicken	100 µl	Western blot (WB)	<i>Arabidopsis thaliana (leaves), Lilium longiflorum, Olea europaea (pollen), Oryza sativa, Spinacia oleracea (leaves), Solanum lycopersicum, Zea mays (predicted: Ananas ananas, Betula pendula, Camellia sinensis, Codonis lanceolata, Cucurbita ficifolia, Helianthus sp., Hordeum vulgare, Lycopersicum esculentum, Plantago major, Populus trichocarpa, Solanum nigrum, Solanum tuberosum, Solidago sp., Vitis vinifera )</i>
<b>AS18 4243</b>	Cu/ZnSOD   Cu/Zn superoxide dismutase (rabbit antibody)	Rabbit	50 µl	Western blot (WB)	<i>Olea europaea (pollen) (predicted: Ananas ananas, Betula pendula, Camellia sinensis, Citrus sp., Codonis lanceolata, Cucurbita ficifolia, Gossypium sp., Helianthus sp., Hordeum vulgare, Lycopersicum esculentum, Plantago major, Populus trichocarpa, Solanum nigrum, Solanum tuberosum, Solidago sp., Vitis vinifera )</i>
<b>AS07 206A</b>	Dehydrin (affinity purified serum)	Rabbit	50 µg	Western blot (WB)	<i>Brassica oleracea, Cucumis sativus, Lycopersicon esculentum, Pinus sylvestris, Pistacia vera (predicted: Glycine max, Hordeum vulgare, Nicotiana tabacum, Oryza sativa, Pisum sativum, Populus sp., Zea mays )</i>
<b>AS07 206</b>	Dehydrin (serum)	Rabbit	200 µl	Western blot (WB)	<i>Agostis stolonifera cv.Penncross, Betula pubescens, Betula pendula, Betual pendula var. carelica, Hordeum spontaneum, Larix cajanderi, Malus spp., Picea obovata, Picea abies, Pinus sylvestris, Pinus strobus, Pinus sylvestris (predicted: Arabidopsis thaliana, Glycine max, Nicotiana tabacum, Pisum sativum, Hordeum vulgare, Oryza sativa, Populus sp., Zea mays )</i>
<b>AS10 206S</b>	Dehydrin blocking peptide		500 µg		Neutralization assay (NeA)
<b>AS16 4101</b>	Dehydrin ERD10	Rabbit	50 µl	Surface plasmon resonance (SPR)	<i>Brassica napus (predicted: Brassica juncea, Brassica rapa, Capsella bursa-pastoris, Noccaea caerulea )</i>



<b>AS10 206PRE</b>	Dehydrin, pre-immune serum	Rabbit	100 µl		
<b>AS11 1746</b>	DHAR1   Dehydroascorbate Reductase 1	Rabbit	200 µg	Western blot (WB)	<i>Arabidopsis thaliana</i> , <i>Kandelia candel</i> , <i>Solanum lycopersicum</i> (predicted: <i>Nicotiana tabacum</i> , <i>Populus trichocarpa</i> , <i>Ricinus communis</i> , <i>Solanum tuberosum</i> , <i>Triticum aestivum</i> , <i>Zinnia elegans</i> )
<b>AS11 1747</b>	DHAR2   Dehydroascorbate Reductase 2	Rabbit	200 µg	Western blot (WB)	<i>Arabidopsis thaliana</i> (predicted: <i>Ricinus communis</i> , <i>Populus trichocarpa</i> )
<b>AS11 1632</b>	DMPO   DMPO nitron adduct (clone N1664A)	Mouse	100 µl	ELISA (ELISA), Immunocytochemistry (ICC), Immuno-spin trapping (IT), Immunoprecipitation (IP), Western blot (WB)	DMPO (species independent) (predicted: DMPO (species independent))
<b>AS15 2887</b>	DNA Damage (8-OHdG) ELISA kit		1		
<b>AS15 2887X5</b>	DNA Damage (8-OHdG) ELISA kit, X5		1		
<b>AS07 271</b>	DnaJ   prokaryotic heat shock protein	Rabbit	200 µl	Western blot (WB)	<i>Chlamydomonas reinhardtii</i> (predicted: <i>Chlamydomonas reinhardtii</i> )
<b>AS07 270</b>	DnaK   chloroplast stromal chaperone	Rabbit	50 µl	Western blot (WB)	<i>Chlamydomonas reinhardtii</i> , <i>Synechocystis 683 motile</i> , <i>Synechocystis 683 GT (glucose tolerant strain)</i> , <i>Synechococcus elongates sp. PCC7942</i>
<b>AS08 350</b>	DnaK2   Heat shock protein 70-2 (HSP70-2)	Rabbit	200 µl	Western blot (WB)	<i>Synechocystis PCC 683</i> (predicted: <i>Anabaena sp.</i> , <i>Crocospaera watsonii</i> , <i>Cyanothece sp. PCC 7424</i> , <i>Lyngbya sp. PCC 816</i> , <i>Microcoleus chthonoplastes PCC 742</i> , <i>Nodularia spumigena CCY 9414</i> , <i>Nostoc sp.</i> , <i>Synechococcus sp. PCC 7942</i> and other cyanobacterial strains )
<b>AS13 2751</b>	EDS1   Enhanced disease susceptibility 1	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana</i> (predicted: <i>Arabidopsis thaliana</i> )
<b>AS12 1865</b>	EIN2   Ethylene insensitive 2	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana</i> (predicted: <i>Brachypodium distachyon</i> , <i>Cucumis sativus</i> , <i>Glycine max</i> , <i>Hordeum vulgare</i> , <i>Medicago</i> )

					<i>truncatula, Nicotiana tabacum, Solanum lycopersicum, Oryza sativa, Phtheirospermum japonicum, Populus trichocarpa, Ricinus communis, Solanum lycopersicum, Sorghum bicolor, Triticum aestivum, , Zea mays, Vitis vinifera )</i>
<b>AS10 651</b>	Enolase 2	Rabbit	200 µl	Western blot (WB)	<i>Arabidopsis thaliana, Helianthus annuus (predicted: Brassica sp., Chlamydomonas reinhardtii, Lycopersicum esculentum, Gossypium mexicanum, Nannochloropsis gaditana, Nicotiana tabacum, Oryza sativa, Physcomitrella patens, Populus balsamifera, Ricinus communis, Zea mays )</i>
<b>AS19 4317</b>	ERD7   Early Response to Dehydration 7 (chloroplastic)	Rabbit	50 µl	Western blot (WB)	<i>Arabidopsis thaliana (predicted: Arabidopsis thaliana)</i>
<b>AS16 3972</b>	FAAH   Fatty acid amide hydrolase	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana (predicted: Acorus calamus, Actinidia chinensis var. chinensis, Aquilegia coerulea, Chimonanthus praecox, Chloranthus japonicus, Cucumis melo, Dioscorea oppositifolia, Eucalyptus grandis, Fragaria vesca, Glycine soja, Gossypium raimondii, Houttuynia cordata, Magnolia denudata, Manihot esculenta, Morus notabilis, Nelumbo nucifera, Panicum miliaceum, Phaseolus vulgaris, Phoenix dactylifera, Platanus acerifolia, Populus trichocarpa, Ricinus communis, Sarcandra glabra, Setaria italica, Sorghum bicolor, Theobroma cacao, Trachycarpus fortunei, Zea mays, Zostera marina, Vigna radiata, Vitis vinifera, Yucca filamentosa )</i>
<b>AS06 125</b>	FeSOD   Chloroplastic Fe-dependent superoxide dismutase	Rabbit	50 µl	Western blot (WB)	<i>Armeria maritima, Arabidopsis thaliana, Brassica juncea, Chlamydomonas reinhardtii, Dunaliella bardawil, Dunaliella salina, Medicago sativa, Morus spp., Oryza sativa, Salicornia sp., Solanum tuberosum, winter triticale, Zea mays (predicted: Algae, Dunaliella salina, Glycine max, Helianthus annuus, Nannochloropsis gaditana, Solanum lycopersicum, Physcomitrella patens, Pinus pinaster, Populus balsamifera, Volvox carteri )</i>

<b>AS12 1857</b>	FLS2   Flagellin-sensitive 2	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana</i> (predicted: <i>Capsella rubella</i> , <i>Glycine max</i> , <i>Hordeum vulgare</i> , <i>Populus trichocarpa</i> , <i>Solanum lycopersicum</i> , <i>Vitis vinifera</i> )
<b>AS11 1631</b>	GAI   DELLA protein GAI	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana</i>
<b>AS06 186</b>	Gamma-ECS   Gamma glutamylcysteine synthase	Rabbit	100 µl	Immunolocalization (IL), Western blot (WB)	<i>Arabidopsis thaliana</i> , <i>Nicotiana tabacum</i> , <i>Salicornia sp.</i> , <i>Solanum lycopersicum</i> , <i>Zea mays</i> (predicted: <i>Pisum sativum</i> , <i>Ricinus communis</i> , <i>Oryza sativa</i> , <i>Triticum aestivum</i> )
<b>AS11 1811</b>	Gamma-glutamyl-cysteine	Rabbit	2x100 µg	Immunocytochemistry (ICC), Immunogold (IG)	<i>Arabidopsis thaliana</i> , <i>Cucurbita pepo L. subsp. pepo var. styriaca Greb</i> , <i>Nicotiana tabacum cv. samsun</i>
<b>AS10 723</b>	GDP-L-Galactose Phosphorylase	Rabbit	200 µl	Western blot (WB)	<i>Arabidopsis thaliana</i> , <i>Brassica oleracea var. italica</i> , <i>Brassica rapa var. komatsuna</i> , <i>Citrus limon</i> , <i>Nicotiana tabacum</i> , <i>Spinacia oleracea</i> , <i>Zea mays</i> , <i>Chlamydomonas reinhardtii</i> (predicted: <i>Sorghum bicolor</i> , <i>Oryza sativa</i> , <i>Physcomitrella patens</i> )
<b>AS19 4347</b>	GH   Gamma-glutamyl hydrolase	Rabbit	50 µg	ELISA (ELISA), Western blot (WB)	<i>Glycine max</i> (predicted: <i>Glycine soja</i> (Gamma-glutamyl hydrolase isoform A and B) )
<b>AS06 182</b>	GLDH   Galactono-1,4 lactone dehydrogenase	Rabbit	100 µl	Western blot (WB)	<i>Avena sativa</i> , <i>Glycine max</i> , <i>Hordeum vulgare</i> , <i>Helianthus annuus</i> , <i>Oryza sativa</i> , <i>Zea mays</i> (predicted: <i>Arabidopsis thaliana</i> , <i>Zostera marina</i> )
<b>AS08 295</b>	GLN1 GLN2   GS1 GS2 glutamine synthetase global antibody	Rabbit	50 µl	Western blot (WB)	<i>Arabidopsis thaliana</i> , <i>Eragrostis tef</i> , <i>Gracilaria gracilis</i> (red algae), <i>Gracilaria lemaneiformis</i> , <i>Medicago truncatula</i> , <i>Physcomitrella patens</i> , <i>Pinus strobus</i> , <i>Spinacia oleracea</i> , <i>Solanum lycopersicum</i> , <i>Triticum aestivum</i> , <i>Zea mays</i> (predicted: <i>Brachypodium distachyon</i> , <i>Brassica napus</i> , <i>Camellia sinensis</i> , <i>Citrus clementina</i> , <i>Cucumis melo</i> , <i>Daphnia magna</i> , <i>Datisca glomerata</i> , <i>Emiliania huxleyi</i> , <i>Eucalyptus grandis</i> , <i>Gazania splendens</i> , <i>Genlisea aurea</i> , <i>Glycine max</i> , <i>Helianthus annuus</i> , <i>Hordeum vulgare</i> , <i>Oryza sativa</i> , <i>Panax quinquefolius</i> , <i>Phaseolus angularis</i> , <i>Phytophthora cinnamomi</i> , <i>Populus trichocarpa</i> , <i>Saccharum officinarum</i> , <i>Securigera parviflora</i> , <i>Solanum lycopersicum</i> , <i>Solanum tuberosum</i> , <i>Stevia rebaudiana</i> , <i>Theobroma cacao</i> , <i>Zea mays</i> , <i>Vitis labrusca</i> GLN1 dicots including:

					<i>Brassica napus, Phaseolus vulgaris, monocots including: Hordeum vulgare, Oryza sativa, trees: Pinus sylvestris, Populus sp., Zosteria marina</i> GLN2 dicots including: <i>Brassica napus, Glycine max, Phaseolus vulgaris, monocots including: Triticum aestivum, Oryza sativa</i> GLN3: <i>Zea mays</i> ,GLN1 in algae: <i>Chlamydomonas reinhardtii</i> )
<b>AS08 296</b>	GLN2   GS2, chloroplastic form of glutamine synthetase	Rabbit	400 µl	Western blot (WB)	<i>Arabidopsis thaliana, Oryza sativa, Pisum sativum, Spinacia oleracea (predicted: Brassica napus, Glycine max, Hordeum vulgare, Medicago truncatula, Pinus sylvestris, Phaseolus vulgaris, Physcomitrella patens, Populus sp., Triticum, aestivum, Zea mays )</i>
<b>AS14 2795</b>	GORK   Potassium channel GORK	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana</i>
<b>AS14 2772</b>	GOX   Glycolate oxidase 1,2,3	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana, Lupinus albus, Oryza sativa (predicted: Glycine max, Hordeum vulgare, Medicago truncatula, Nicotiana tabacum, Phaseolus vulgaris, Solanum lycopersicum, Solanum tuberosum, Spinacia oleracea, Triticum sp. Zea mays, Vitis vinifera)</i>
<b>AS04 055</b>	GPX   Glutathione peroxidase (chloroplastic)	Rabbit	100 µl	ELISA (ELISA), Western blot (WB)	<i>Arabidopsis thaliana</i>
<b>AS06 181</b>	GR   Glutathione reductase	Rabbit	100 µl	Immunolocalization (IL), Immunoprecipitation (IP), Western blot (WB)	<i>Arabidopsis thaliana, Catharanthus roseus, Glycine max, Hordeum vulgare, Nicotiana tabacum, Oryza sativa, Pisum sativum, Salicornia sp., Silene vulgaris, Scenedesmus quadricauda (algae), Solanum tuberosum, Zea mays (predicted: Brassica rapa, Oryza sativa, Populus balsamifera )</i>
<b>AS15 3108</b>	Grx5   Monothiol glutaredoxin-S5	Rabbit	50 µl	Western blot (WB)	<i>Arabidopsis thaliana (predicted: Glycne soja, Medicago truncatula, Morus notabilis, Theobroma cacao )</i>
<b>AS06 183</b>	GS   Glutathione synthase, GSH-S	Rabbit	100 µl	Immunolocalization (IL), Western blot (WB)	<i>Brassica campestris, Nicotiana tabacum, Phaeodactylum tricornutum, Solanum lycopersicum, Zea mays (predicted: Aegilops tauschii, Arabidopsis thaliana, Arundo donax, Asparagus officinalis, Brachypodium distachyon, Capsicum annum, Cicer arietinum, Citrus clementina, Corchorus</i>

					<i>olitorius, Cucumis sativus, Daucus carota subsp. sativus, Dimocarpus longan, Eucalyptus grandis, Gossypium hirsutum, Helianthus annuus, Hevea brasiliensis, Hordeum vulgare, Jatropha curcas, Lotus japonicus, Lupinus angustifolius, Lycium chinense, Musa acuminata, Nelumbo nucifera, Nicotiana tabacum, Nicotiana sylvestris, Oryza sativa, Pisum sativum, Setaria italica, Sorghum bicolor, Spinacia oleracea, Triticum aestivum, Zostera marina, Vitis vinifera )</i>
<b>AS09 647</b>	GSNOR   S-nitrosoglutathione reductase	Rabbit	50 µl	Western blot (WB)	<i>Arabidopsis thaliana, Brassica napus, Helianthus annuus (predicted: Brassica napus, Oryza sativa, Pisum sativum, Populus balsamifera, Ricinus communis, Solanum tuberosum, Zea mays )</i>
<b>AS13 2671</b>	H+ATPase   Plasma membrane H+ATPase (chicken antibody)	Chicken	50 µg	Western blot (WB)	<i>Arabidopsis thaliana, Spinacia oleracea, Zea mays (predicted: Angomonas deanei, Avena sativa, Brassica napus, Citrus limon, Coffea canephora, Cucumis sativus, Cucurbita moschata, Dunaliella spp, Eichhornia crassipes, Emiliana huxleyi, Glycine max (weak), Hordeum vulgare, Lactobacillus johnsonii, Laishmania braziliensis, Nicotiana tabacum, Oryza sativa, Solanum lycopersicon, Solanum tuberosum, Medicago truncatula, Mesembrianthemum crystallinum), Nannochloropsis gaditana CCMP526, Nepenthes alata, Nicotiana tabaccum, Nitrospira bacterium, Oryza sativa, Ostreococcus spp., Phaseolus acutifolius, Physocomitrella patens, Picea abies, Pinus thunbergii, Populus tremula, Pteris vittata, Ricinus communis, Saccharomyces cerevisiae, Solanum lycopersicum, Strigomonas culicis, Toxoplasma gondii, Triticum urartu, Trypanosoma cruzi, Zosteria marina, Vicia faba, Vigna angularis )</i>
<b>AS07 260</b>	H+ATPase   Plasma membrane H+ATPase (rabbit antibody)	Rabbit	50 µl	Immunofluorescence (IF), Immunolocalization (IL), Western blot (WB)	<i>Aesculus hippocastanum, Arabidopsis thaliana, Camellia sinensis cv. Shu-chazao, Chara australis R.Br, Chlamydomonas reinhardtii, Cucumis sativus, Cucurbita moschata, Glycine max (weak), Kandelia obovata,</i>

					<i>Hordeum vulgare, Lolium perenne, Lycopersicon esculentum, Malus x domestica Borkh. c.v. Fuji, Marchantia polymorpha, Medicago truncatula, Nicotiana benthamiana, Nicotiana tabacum, Noccaea caerulea, Oryza sativa, Petunia hybrida, Phalenopsis Sogo Yukidian cultivar V3, Physcomitrella patens, Picea abies, Populus tremula, Pteris vittata (fern), Ricinus communis, Spinacia oleracea, Zea mays, Vicia faba (predicted: Algae, Avena sativa, Dunaliella spp., Gossypium hirsutum, Hordeum vulgare, Ostreococcus spp., Pinus thunbergii, Physcomitrella patens, Mesembrianthemum crystallinum, Mortierella elongata, Nannochloropsis gaditana CCMP526, Ostreococcus tauri, Saccharomyces cerevisiae, Solanum tuberosum, Triticum aestivum, Ulva prolifera, Ustilago maydis )</i>
<b>AS10 1622</b>	Hellethionin	Rabbit	50 µl	ELISA (ELISA), Western blot (WB)	<i>Heliamphora purpurascens</i>
<b>AS16 3951</b>	HRP   Horseradish peroxidase	Rabbit	50 µl	ELISA (ELISA), Western blot (WB)	<i>Armoracia rusticana, Arabidopsis thaliana, Caenorhabditis elegans (predicted: )</i>
<b>AS09 549</b>	HRP   Horseradish peroxidase (affinity purified)	Rabbit	1 mg	ELISA (ELISA), Western blot (WB), Immunofluorescence (IF), Immunohistochemistry (IHC)	<i>Armoracia rusticana (predicted: Armoracia rusticana)</i>
<b>AS07 233</b>	HSC70/HSP70   Heat shock cognate protein 70 / heat shock protein 70	Rabbit	100 µl	ELISA (ELISA), Immunoprecipitation (IP), Western blot (WB)	<i>Cucurbita pepo, Pisum sativum, Triticum sp. (predicted: Dicots, Monocots )</i>
<b>AS06 178</b>	HSF1   Heat shock factor 1	Rabbit	100 µl	Western blot (WB)	<i>Chlamydomonas reinhardtii (predicted: Chlamydomonas reinhardtii)</i>
<b>AS08 287</b>	HSP101   ClpB heat shock protein, C-terminal	Rabbit	50 µl	Western blot (WB)	<i>Arabidopsis thaliana, Agave tequilana, Citrus sp., Cucumis sativus L. var Krak (predicted: Citrus sinensis, Glycine max,</i>

					<i>Nicotiana tabacum, Oryza sativa, Populus trichocarpa, Triticum aestivum, Vitis vinifera</i>
<b>AS08 283</b>	HSP101   ClpB heat shock protein, N-terminal (chicken antibody)	Chicken	200 µl	Western blot (WB)	<i>Arabidopsis thaliana (predicted: Glycne max, Nicotiana tabacum, Vitis vinifera )</i>
<b>AS07 253</b>	HSP101   ClpB heat shock protein, N-terminal (rabbit antibody)	Rabbit	50 µl	Western blot (WB)	<i>Arabidopsis thaliana, Agave tequilana, Solanum lycopersicum, Thellungiella salsuginea, Triticum aestivum, Vicia faba (predicted: dicots including: Glycine max, Vitis vinifera, monocots including: Oryza sativa )</i>
<b>AS08 290</b>	HSP101   nuclear/cytoplasmic heat shock protein	Rabbit	200 µl	Western blot (WB)	<i>Agostis stolonifera cv. &amp;#8216;Penncross&amp;#8217;, Zea mays</i>
<b>AS08 286</b>	HSP16.6   Class I heat shock protein 16.6 (cytosolic)	Rabbit	100 µl	Western blot (WB)	<i>Synechocystis sp. PCC 683 (predicted: Synechococcus sp., Thermosynechococcus sp. )</i>
<b>AS12 2570</b>	HSP16.9   16.9 kDa class I heat shock protein 2	Rabbit	100 µl	Western blot (WB)	<i>Triticum aestivum (predicted: Aegilops kotschy, Hordeum vulgare, Triticum sp. )</i>
<b>AS08 284</b>	HSP17.6   Cytosolic class I heat shock protein 17.6 (chicken antibody)	Chicken	200 µl	Western blot (WB)	<i>Arabidopsis thaliana</i>
<b>AS07 254</b>	HSP17.6   Cytosolic class I heat shock protein 17.6 (rabbit antibody)	Rabbit	50 µl	Western blot (WB)	<i>Arabidopsis thaliana, Agave tequilana var. Weber, Citrus sp., Cucumis sativus, Iris pumilla (perennial monocot), Pinellia ternata, Pinus sylvestris, Silene vulgaris, Solanum tuberosum, Vicia faba (predicted: Higher plants, Nicotiana tabacum )</i>
<b>AS07 255</b>	HSP17.7   Cytosolic class II heat shock protein 17.7	Rabbit	50 µl	Western blot (WB)	<i>Arabidopsis thaliana, Agave tequiliana var. Weber, Cucumis sativus, Medicago sativa, Pinellia ternata, Silene vulgaris (predicted: Dicots )</i>
<b>AS11 1628</b>	HSP18.5   class IV heat shock protein	Rabbit	200 µl	Western blot (WB)	<i>Arabidopsis thaliana, Hordeum vulgare (predicted: Glycne max, Medicago truncatula, Medicago sativa, Pisum sativum, Ricinus communis, Rosa chinensis, Zea mays )</i>

<b>AS08 285</b>	HSP21   Chloroplastic heat shock protein	Rabbit	50 µl	Western blot (WB)	<i>Agostis stolonifera cv.Penncross, Arabidopsis thaliana, Nicotiana tabacum</i>
<b>AS15 2979</b>	HSP23.5   Heat shock protein 23.5 (mitochondrial)	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana recombinant HSP23.5 (predicted: Arabidopsis thaliana)</i>
<b>AS15 2980</b>	HSP23.6   Heat shock protein 23.6 (mitochondrial)	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana (predicted: Arabidopsis thaliana)</i>
<b>AS15 2981</b>	HSP26.5   Heat shock protein 26.5 (mitochondrial)	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana (predicted: Glycine soja )</i>
<b>AS08 348</b>	HSP70   Heat shock protein 70 (chloroplastic)	Rabbit	200 µl	Immunoprecipitation (IP), Western blot (WB)	<i>Arabidopsis thaliana, Hordeum spontaneum, Hordeum vulgare, Oryza sativa, Pinus strobus, Pisum sativum (predicted: Arundo donax, Brachypodium distachyon, Brassica rapa subsp. pekinensis, Brassica napus, Capsella rubella, Citrus clementina, Citrus sinensis, Coffea canephora, Glycine max, Glycine soja, Hordeum vulgare, Medicago truncatula, Oryza sativa, Phaseolus vulgaris, Physomitrella patensm, Picea sitchensis, Populus trichocarpa, Prunus persica, Ricinus communis, Solanum tuberosum, Solanum lycopersicum, Sorghum bicolor, Spinacia oleracea, Theobroma cacao, Triticum aestivum, Zea mays, Vitis vinifera )</i>
<b>AS08 371</b>	HSP70   Heat shock protein 70 (cytoplasmic)	Rabbit	50 µl	Immunoprecipitation (IP), Western blot (WB)	<i>Arabidopsis thaliana, Chlamydomonas reinhardtii, Chlamydomonas sp. UWO241, Cucumis sativus, E. teft, Hordeum vulgare, Medicago sativa, Oryza sativa, Salicornia sp., Silene vulgaris, Solanum lycopersicum, Pinus strobus, Polyscias elegans, Zea mays, algae: Desmodium subspicatus, Gracilaria vermiculophylla, phycobiont: Trebouxia TR1 and TR9, Plasmodium falciparum, Setaria italica, Triticum aestivum, Ulva prolifera, Vicia faba (predicted: Ageratina adenophora, Allium sativum, Arabis alpina, Arachis diogeni, Arundo donax, Brassica napus, brassica rapa subsp. pekinensis, Camellia sinensis, Citrus</i>



					<i>sinensis, Coffea arabica, Eriobotrya japonica, Gossypium arboretum, Glycine max, Glycine soja, Helianthus annuus, Hordeum vulgare var. distichum, Lotus japonicus, Medicago sativa, medicago truncatula, Musa acuminata subsp. malaccensis, Nannochloropsis gaditana, Nicotiana tabacum, Nicotiana bethamiana, Phaseolus vulgaris, Physcomitrella patens, Pinus taeda, Pisum sativum, Populus balsamifera, Populus trichocarpa, Salix gilgiana, Saussurea medusa, Solanum tuberosum, Solanum commersonii, Spinacia oleracea, Tragopogon dubius, Tragopogon porrifolius, Triticum aestivum, Vitis vinifera, Volvox sp. )</i>
<b>AS08 347</b>	HSP70   Heat shock protein 70 (mitochondrial)	Rabbit	2 x 50 µg	Western blot (WB)	<i>Arabidopsis thaliana, Brassica oleracea, Hordeum vulgare (predicted: Medicago truncatula, Oryza sativa, Phaseolus vulgaris, Pisum sativum, Populus trichocarpa, Spinacia oleracea, Solanum tuberosum, Triticum aestivum, Zea mays, Vitis vinifera )</i>
<b>AS06 175</b>	HSP70B   Stromal alfa-HSP70 (algal)	Rabbit	100 µl	Immunoprecipitation (IP), Western blot (WB)	<i>Chlamydomonas reinhardtii, Desmodesmus subspicatus, Physcomitrella patens (predicted: Dunaliella salina, Cyanobacteria )</i>
<b>AS08 346</b>	HSP90-1   heat shock protein 90-1	Rabbit	50 µl	Western blot (WB)	<i>Arabidopsis thaliana, Brachypodium distachyon, Hordeum vulgare, Salicornia sp., Solanum lycopersicum, Zea mays, Vicia faba (predicted: Glycne max, Micromonas pulsilla, Nicotiana benthamina, Nicotiana tabacum, Oryza sativa, Ostreococcus lucimarinus, Physcomitrella patens, Populus balsamifera, Ricinus communis, Solanum tuberosum, Sorghum bicolor, Triticum aestivum, Zea mays, Vitis vinifera )</i>
<b>AS11 1629</b>	HSP90-2   heat shock protein 90-2	Rabbit	100 µl	Western blot (WB)	<i>Arabidopsis thaliana (predicted: Glycne max, Hordeum vulgare, Micromonas pulsilla, Nicotiana benthamina, Nicotiana tabacum, Ostreococcus lucimarinus, Oryza sativa, Physcomitrella patens, Populus balsamifera, Ricinus communis, Solanum tuberosum, Sorghum bicolor, Triticum aestivum, Zea mays, Vitis vinifera )</i>

<b>AS06 174</b>	HSP90C   alfa-HSP90C, heat shock protein (algal)	Rabbit	100 µl	Immunoprecipitation (IP), Western blot (WB)	<i>Chlamydomonas reinhardtii</i> (predicted: <i>Ostreococcus</i> sp. )
<b>AS16 3971</b>	ICE1   Inducer of CBF expression 1	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana</i> (predicted: <i>Brassica napus</i> , <i>Brassica rapa</i> , <i>Capsella bursa-pastoris</i> , <i>Capsella rubella</i> , <i>Eutrema salsugineum</i> , <i>Noccaea caerulescens</i> )
<b>AS16 3847</b>	IFR   isoflavone reductase	Rabbit	50 µl	Western blot (WB)	<i>Oryza sativa</i> (predicted: <i>Oryza sativa</i> )
<b>AS11 1780</b>	IRT1   Iron regulated transporter 1	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana</i> (predicted: <i>Noccaea caerulescens</i> , <i>Thlaspi cerulescens</i> )
<b>AS08 374</b>	KatG   catalase peroxidase (HPI), cyanobacterial	Rabbit	200 µl	Western blot (WB)	<i>Synechocystis</i> sp. PCC 683 (predicted: <i>Synechococcus</i> sp. including PCC 732 and <i>S.elongatus</i> (PCC 631, PCC 7942); other bacteria )
<b>AS14 2764</b>	KrP   Kelch repeat-containing protein / galactose oxidase (At3g07720)	Rabbit	50 µl	Western blot (WB)	<i>Arabidopsis thaliana</i>
<b>AS16 3845</b>	LEA3   late embryogenesis abundant protein	Rabbit	50 µl	Western blot (WB)	<i>Oryza sativa</i> (predicted: <i>Oryza sativa</i> )
<b>AS13 2757</b>	LEA4-25   Group 4-late embryogenesis abundant protein	Rabbit	50 µl	Western blot (WB)	<i>Phaseolus vulgaris</i> (predicted: <i>Glycine tomentosa</i> )
<b>AS13 2758A</b>	LEA4-5   Late embryogenesis abundant protein 4-5 (affinity purified)	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana</i> (predicted: <i>Arachis hypogaea</i> , <i>Brassica</i> sp., <i>Glycine max</i> , <i>Medicago truncatula</i> , <i>Phaseolus vulgaris</i> , <i>Thellungiella halophila</i> )
<b>AS13 2758</b>	LEA4-5   Late embryogenesis abundant protein 4-5 (serum)	Rabbit	50 µl	Western blot (WB)	<i>Arabidopsis thaliana</i> (predicted: <i>Arachis hypogaea</i> , <i>Brassica</i> sp., <i>Glycine max</i> , <i>Medicago truncatula</i> , <i>Phaseolus vulgaris</i> , <i>Thellungiella halophila</i> )
<b>AS13 2756</b>	LEA6-3   late embryogenesis abundant protein 6-3	Rabbit	50 µl	Western blot (WB)	Recombinant PvLEA6-3 (predicted: <i>Arabidopsis thaliana</i> , <i>Arachis hypogaea</i> , <i>Glycine max</i> , <i>Medicago truncatula</i> , <i>Phaseolus vulgaris</i> )

<b>AS06 128</b>	LOX   Lipoxygenase	Rabbit	50 µl	Western blot (WB)	<i>Arabidopsis thaliana, Glycine max, Lilium longiflorum, Lupinus luteus, Musa acuminata, Musa paradisiaca L., Nicotiana benthamiana, Olea europaea (predicted: Glycine max, Lathyrus undulatus, Malus x domestica, Solanum tuberosum )</i>
<b>AS06 128A</b>	LOX   Lipoxygenase (Affinity purified)	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana, Glycine max, Solanum tuberosum (predicted: Cucumis sativus, Lathyrus undulatus, Malus x domestica )</i>
<b>AS08 340</b>	LOX2   Lipoxygenase 2	Mouse	100 µg	ELISA (ELISA), Western blot (WB)	<i>Triticum aestivum (predicted: Hordeum vulgare, Oryza sativa )</i>
<b>AS07 258</b>	LOX-C   Lipoxygenase (chloroplastic)	Rabbit	100 µl	Western blot (WB)	<i>Arabidopsis thaliana, Vitis vinifera (predicted: Brassica napus, Musa acuminata subsp. malaccensis )</i>
<b>AS19 4318</b>	MC4   Metacaspase-4	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana (predicted: Raphanus sativus, Noccaea caerulea)</i>
<b>AS15 2905</b>	MKK2   Mitogen-activated protein kinase kinase 2	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana (protoplasts)</i>
<b>AS09 524</b>	MnSOD   Manganese superoxide dismutase	Rabbit	50 µl	Western blot (WB)	<i>Arabidopsis thaliana, Armeria maritima, Brassica napus, Brassica oleracea, Iris pumila, Nepeta cataria, Nepeta rtanjensis, Oryza sativa, Pisum sativum, Salicornia sp. , Solanum tuberosum (predicted: Gossypium mexicanum, Hordeum vulgare, Musa acuminata, Picea sitcHensis, Populus balsamifera sub. trichocarpa, Raphanus sativus, Solanum tuberosum, Triticum aestivum, Vitis vinifera, Zea mays )</i>
<b>AS13 2684</b>	MT1a   Metallothionein type1	Rabbit	50 µg	Immunolocalization (IL), Western blot (WB)	<i>Hordeum vulgare (predicted: Horderum vulgare)</i>
<b>AS13 2685</b>	MT2a   Metallothionein 2a	Rabbit	50 µg	Immunolocalization (IL), Western blot (WB)	<i>Horderum vulgare (predicted: Horderum vulgare)</i>
<b>AS09 484</b>	Na+/H+ antiporter, sodium/hydrogen exchanger	Rabbit	50 µl	ELISA (ELISA), Western blot (WB)	<i>Arabidopsis thaliana, Kandelia obovata, Oryza sativa, Solanum lycopersicum, Vitis vinifera (predicted: Gossypium hirsutum, Populus euphratica, Ricinus communis, Zea mays)</i>

<b>AS14 2805</b>	NBR1   Autophagy substrate NBR1	Rabbit	50 µl	Immunolocalization (IL), Western blot (WB)	<i>Arabidopsis thaliana, Physcomitrella patens (predicted: Brassicaceae family )</i>
<b>AS14 2805A</b>	NBR1   Autophagy substrate NBR1 (affinity purified)	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana (predicted: Brassicaceae family )</i>
<b>AS12 1854-1mg</b>	NPR1 Nonexpresser of PR genes 1 (1 mg)	Rabbit	1 mg	Western blot (WB)	<i>Arabidopsis thaliana (predicted: Arabidopsis thaliana)</i>
<b>AS12 1854</b>	NPR1   Nonexpresser of PR genes 1	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana (predicted: Arabidopsis thaliana)</i>
<b>AS12 1854-500</b>	NPR1   Nonexpresser of PR genes 1 (0.5 mg)	Rabbit	0.5 mg	Western blot (WB)	<i>Arabidopsis thaliana (predicted: Arabidopsis thaliana)</i>
<b>AS09 473</b>	NRT1.4   Nitrate transporter	Rabbit	100 µl	ELISA (ELISA), Western blot (WB)	<i>Arabidopsis thaliana, Raphanus sativus</i>
<b>AS06 159</b>	NtrC   Thioredoxin reductase (TR/TRxR) (algal)	Rabbit	200 µg	Western blot (WB)	<i>Chlamydomonas reinhardtii (predicted: Chlamydia sp., Nannochloropsis gaditana, Ostreococcus luminarius, Physcomitrella patens, Synechococcus sp. )</i>
<b>AS07 243</b>	NtrC   Thioredoxin reductase (TR/TRxR) (higher plants)	Rabbit	200 µg	Western blot (WB)	<i>Arabidopsis thaliana (predicted: Anthurium amnicola, Brachypodium distachyon, Brassica napus, Brassica oleracea, Capsella rubella, Capsicum annuum, Cephalotus follicularis, Chlamydomonas reinhardtii, Chlamydia sp., Cicer arietinum, Citrus sinensis, Cucumis melo, Cucumis sativus, Dendrobium catenatum, Eutrema salsugineum, Genlisea aurea, Ostreococcus luminarius, Synechococcus sp., Glycine soja, Glycine max, Gossypium raimondii, Hordeum vulgare, Juglans regia, Leersia perrieri, Manihot esculenta, Medicago truncatula, Musa acuminata subsp. malaccensis, Nelumbo nucifera, Noccaea caerulea, Oryza barthii, Phoenix dactylifera, Populus trichocarpa, Ricinus communis, Solanum lycopersicum, Sorghum bicolor, Theobroma cacao, Triticum aestivum, Zea mays, Vigna angularis var. angularis, Vitis vinifera )</i>
<b>AS19 4336</b>	Osmotin	Rabbit	50ug	ELISA (ELISA), Western blot (WB)	<i>Nicotiana tabacum (predicted: Capsicum annuum, Solanum lycopersicum )</i>

<b>AS19 4294</b>	Oxidative Stress Antibodies Set   5 antibodies		1 kit		
<b>AS12 1842</b>	Patatin	Rabbit	200 µl	Immunoprecipitation (IP), Immunolocalization (IL), Western blot (WB)	<i>Solanum tuberosum (predicted: Solanum tuberosum)</i>
<b>AS12 1842A</b>	Patatin (affinity purified)	Rabbit	50 µg	Immunoprecipitation (IP), Immunolocalization (IL), Western blot (WB)	<i>Solanum tuberosum (predicted: Solanum tuberosum)</i>
<b>AS12 1842P</b>	Patatin   Blocking peptide		500 µg (10 mg/ml)		Neutralization assay (NeA)
<b>AS20 4413</b>	PBP1   PYK10-binding protein 1 (C-terminal)	Rabbit	200 µg	Immunofluorescence (IF), Western blot (WB)	<i>Arabidopsis thaliana</i>
<b>AS20 4414</b>	PBP1   PYK10-binding protein 1 (N-terminal)	Rabbit	200 µg	Immunofluorescence (IF), Western blot (WB)	<i>Arabidopsis thaliana (predicted: Brassica rapa, Raphanus sativus)</i>
<b>AS10 691</b>	PDC2   Pyruvate decarboxylase 2	Rabbit	100 µl	Western blot (WB)	<i>Arabidopsis thaliana, Oryza sativa, Zymomonas mobilis (predicted: Aegilops tauschii, Brassica napus, Chlamydomonas reinhardtii, Cocos nucifera, Dichanthelium oligosanthes, Fragaria ananassa, Hordeum vulgare, Glycine max, Nannochloropsis gaditana, Nicotiana tabacum, Panicum miliaceum, Phoenix dactylifera, Pisum sativum, Potamogeton distinctus, Saccharum officinarum, Solanum tuberosum, Sorghum bicolor, Ricinus communis, Rosa chinensis, Trifolium pratense, Zea mays, Vitis vinifera)</i>
<b>AS09 471</b>	PDR8   ABC transporter G family member 36	Rabbit	100 µl	ELISA (ELISA), Western blot (WB)	<i>Arabidopsis thaliana (predicted: Arabidopsis thaliana)</i>
<b>AS06 116</b>	PGL35   Plastoglobulin 35; FIB1a; FBN1a	Rabbit	200 µl	Immunocytochemistry (ICC), Western blot (WB)	<i>Arabidopsis thaliana, Citrus reticulata, Gossypium hirsutum cv. Deltapine 9 (predicted: Brassica napus, Brassica campestris, Capsicum annum)</i>
<b>AS09 506</b>	PIP2;3   Aquaporin, plasma membrane intrinsic protein 2-3	Rabbit	100 µl	ELISA (ELISA), Immunogold (IG), Western blot (WB)	<i>Oryza sativa, Zea mays</i>

<b>AS09 469</b>	PIP2;7   Plasma membrane aquaporin, N-terminal	Rabbit	100 µl	ELISA (ELISA), Western blot (WB)	<i>Arabidopsis thaliana, Jatropha curcas L. cv. Biji Jarak (predicted: Brassica oleracea, Juglans regia, Populus tremulax Populus tremuloides, Spinacia oleracea, Vitis vinifera )</i>
<b>AS12 2110</b>	PIP2-1-7   Plasma membrane aquaporin isoforms 1-7, C-terminal	Rabbit	50 µl	Immunoprecipitation (IP), Western blot (WB)	<i>Lactuca sativa, Pisum sativum, Solanum lycopersicum, Zea mays (predicted: Arabidopsis thaliana, Artemisia annua, Brassica oleracea, Capsicum annuum, Capsicum chinense, Cicer arietinum, Coffea arabica, Cucumis melo, Cucumis sativus, Fragaria chiloensis, Glycine max, Helianthus annuus, Hordeum vulgare, Malus prunifolia, Medicago trunculata, Mimosa pudica, Nicotiana tabacum, Noccaea caerulescens, Olea europaea, Oryza sativa, Phaseolus vulgaris, Pisum sativum, Prunus mume, Pyrus communis, Spinacia oleracea, Solanum lycopersicum, Solanum tuberosum, Trifolium repens, Triticum urartu, Triticum aestivum, Vitis vinifera )</i>
<b>SA000001</b>	Plant Cell Compartment Antibody Marker Set   3 antibodies		1 kit		
<b>AS13 2747</b>	PP2A   Serine/threonine protein phosphatase 2A 59 kDa regulatory subunit B' gamma isoform	Rabbit	50 µg	Immunolocalization (IL), Western blot (WB)	<i>Arabidopsis thaliana, Oryza sativa (predicted: Brassica oleracea, Pisum sativum )</i>
<b>AS10 1585</b>	PPO   Polyphenol oxidase	Rabbit	100 µl	Western blot (WB)	<i>Spinacia oleracea (predicted: Spinacia oleracea)</i>
<b>AS10 687</b>	PR-1   Pathogenesis-related protein 1	Rabbit	50 µl	Western blot (WB)	<i>Arabidopsis thaliana, Hordeum vulgare, Nicotiana bentamiana, Spinacia oleracea, Solanum lycopersicum, Triticum aestivum, Vitis vinifera, Zea mays</i>
<b>AS10 687S</b>	PR-1   Positive control/quantitation standard		100 µl	Western blot (WB)	

<b>AS07 208</b>	PR-2   GLU I   Class I beta-1,3-glucanase	Rabbit	2 mg	Immunolocalization (IL), Western blot (WB)	<i>Fragaria vesca, Lactuca sativa, Nicotiana benthamian, Nicotiana clevelandii, Nicotiana glutinosa, Nicotiana tabacum, Phalenopsis Sogo Yukidian cultivar V3, Populus sp., Solanum lycopersicum, Solanum tuberosum, Vitis vinifera (predicted: Dicots, Oryza sativa, Prunus persica )</i>
<b>AS12 2366</b>	PR-2   Pathogenesis-related protein 2	Rabbit	50 µl	Western blot (WB)	<i>Agostis stolonifera cv. Pennncross, Arabidopsis thaliana, Glycine max (roots) (predicted: Brassica juncea, Brassica oleracea, Citrus chinensis, Glycine max, Litchi chinensis, Manihot esculenta, Nicotiana tabacum )</i>
<b>AS07 207</b>	PR-3 / CHN   Class I chitinase	Rabbit	2 mg	Co-Immunoprecipitation (IP) (Co-IP), Immunolocalization (IL), Western blot (WB)	<i>Agostis stolonifera cv. Pennncross, Capsicum annum, Nicotiana tabacum, Picea abies, Solanum esculentum, Solanum lycopersicum, Solanum tuberosum, Vitis vinifera (predicted: Arabidopsis thaliana, Zea mays )</i>
<b>AS12 2369</b>	PR-4   Pathogenesis-related protein 4 (Arabidopsis thaliana)	Rabbit	50 µl	Western blot (WB)	<i>Arabidopsis thaliana (predicted: Capsicum chinense , Carica papaya, Chimonanthus praecox, Drosera adela, Eutrema japonicum, Ficus pumila var. awkeotsang , Hevea brasiliensis, Hordeum vulgare, Glycine max, Medicago truncatula, Morus notabilis, Phaseolus vulgaris, Pisum sativum, Populus trichocarpa, Prunus dulcis, Ricinus communis, Solanum tuberosum, Theobroma cacao, Triticum aestivum, Triticum urartu , Vitis pseudoreticulata )</i>
<b>AS12 2373</b>	PR-5   Pathogenesis-related protein 5 (A.thaliana)	Rabbit	50 µl	Western blot (WB)	<i>Arabidopsis thaliana (predicted: Arabidopsis thaliana)</i>
<b>AS14 2794</b>	PRN2   Pirin-like protein	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana</i>
<b>AS05 093</b>	PrxQ   Peroxiredoxin, thioredoxin reductase	Rabbit	200 µl	Western blot (WB)	<i>Arabidopsis thaliana, Manihot esculenta, Spinacia oleracea, Zea mays (predicted: Populus sp. , Triticum aestivum, Oryza sativa )</i>
<b>AS01 016S</b>	PsbA   D1 protein of PSII positive control/quantitation standard		100 µl	Western blot (WB)	

<b>AS05 084A</b>	PsbA   D1 protein of PSII, C-terminal (affinity purified)	Rabbit	50 µg	Western blot (WB)	<i>Anabaena 712, Arabidopsis thaliana, Artemisia annua, Arundo sp., Chlamydomonas reinhardtii, Colobanthus quitensis Kunt Bartl, Craterostigma sp., Coscinodiscus wailesii, Cynara cardunculus var altilis, Ditylum brightwellii, Glycine max, Hordeum vulgare, Lindernia sp., Miscanthus x giganteus, Marchantia polymorpha (liverwort), Nicotiana benthamiana, Panicum miliaceum, Panax ginseng, Panicum maximum, Paulinella chromatophora (amoeba), Pinus strobus, Physcomitrella patens, Prochlorococcus sp. (surface and deep water ecotype), Synechococcus sp. PCC 7942, Spirodela polyrhiza, Symbiodinium sp., Zea mays (predicted: Algae (brown and red), Brassica napus, Conifers, Cyanobacteria, Dictos, Manihot esculenta, Medicago sativa, Nannochloropsis sp., Pisum sativum, Triticum aestivum, cellular [compartment marker] of thylakoid membrane. )</i>
<b>AS01 016</b>	PsbA   D1 protein of PSII, C-terminal (chicken)	Chicken	100 µl	Western blot (WB)	<i>Alaria esculenta, Amphidinium carterae, Anabaena sp., Arabidopsis thaliana, Brachypodium sylvaticum, Chlamydomonas reinhardtii, Chlamydomonas raudensis (both Antarctic and mesophilic strains), Cyanophora sp. , Cyanothece sp. ATCC 51142, Cynara cardunculus, Gonyaulax polyedra, Fucus vesiculosus, Hordeum vulgare, Lobaria pulmonaria, Petunia sp. , Pinus sylvestris, Spartina alterniflora, Synechococcus sp. PCC 7942, Triticum aestivum, Ulva sp., symbiotic dinoflagellates of Stylophora pistillata and Turbinaria reniformis, Zea mays (predicted: Algae (brown and red), Conifers, Cryptomonads, Legumes, Stramenopiles, Euglenoids, Prochlorophytes, Xantophytes )</i>
<b>AS05 084</b>	PsbA   D1 protein of PSII, C-terminal (rabbit antibody) (thylakoid membrane marker)	Rabbit	50 µl	Immunofluorescence (IF), ImmunoGold (IG), Western blot (WB)	<i>Anabaena 712, Arabidopsis thaliana, Artemisia annua, Arundo sp., Begonia sp. , Cannabis sativa L., Chlamydomonas reinhardtii, Chlorella ohadii, Chromera velia, Chlorella vulgaris, Colobanthus quitensis Kunt Bartl, Coscinodiscus wailesii, Craterostigma sp., Cyanidioschyzon merolae, Cytisus cantabricus (Wilk.) Rchb. F,</i>



					<p><i>Desmodium sp., Dianthus caryophyllus, Ditylum brightwellii, Eucalyptus globulus, Glycine max, Halomiconema hongdechloris, Hieracium pilosella L., Hordeum vulgare, Lasallia hispanica, Lindernia sp., Manihot esculenta, Marchantia polymorpha (liverwort), Medicago truncatula, Miscanthus x giganteus, Microcystis aeruginosa, Nicotiana benthamiana, Nicotiana tabacum, Panicum miliaceum, Panax ginseng, Panicum maximum, Paulinella chromatophora (amoeba), Pheodactylum tricornutum CCAP 155/1, Physcomitrella patens, Picea glauca, Pinus strobus, Pisum sativum, Prochlorococcus sp. (surface and deep water ecotype), Pisum sativum, Skeletonema costatum (diatom), Solanum lycopersicum, Spartina alterniflora, Spinacia oleracea, Spirodela polyrrhiza, Symbiodinium sp, Synechococcus sp. PCC 7942, Synechococcus elongatus UTEX 2973, Syntrophia muralis, Thalassiosira weissflogii, Triticum aestivum, Triticale, Zea mays, Quercus ilex (predicted: Algae (brown and red), Brassica napus, Conifers, Cyanobacteria, Dictos, Cannabis sativa, Lactuca sativa, Lycopersicon esculentum, Medicago sativa, Nannochloropsis sp., Oryza sativa, Ostreococcus sp. , Pisum sativum, Sesamum indicum, Zostera marina, Vitis vinifera cellular [compartment marker] of thylakoid membrane</i>Species of your interest not listed? Contact us)</p>
<b>AS05 084A-ALP</b>	PsbA   D1 protein of PSII, C-terminal, ALP-conjugated (40 µg)	Rabbit	40 µg	Western blot (WB)	<p><i>Anabaena 712, Arabidopsis thaliana, Artemisia annua, Arundo sp., Chlamydomonas reinhardtii, Colobanthus quitensis Kunt Bartl, Craterostigma sp., Coscinodiscus wailesii, Ditylum brightwellii, Glycine max, Hordeum vulgare, Lindernia sp., Miscanthus x giganteus, Marchantia polymorpha (liverwort), Nicotiana benthamiana, Panicum miliaceum, Panax ginseng, Panicum maximum, Paulinella chromatophora (amoeba), Physcomitrella patens, Pinus strobus, rochlorococcus sp. (surface and deep water</i></p>

					<i>ecotype), Synechococcus sp. PCC 7942, Spirodela polyrhiza, Symbiodinium sp., Zea mays (predicted: Algae (brown and red), Dictos, Conifers, Cyanobacteria, Medicago sativa, Nannochloropsis sp., Pisum sativum, Triticum aestivum, cellular [compartment marker] of thylakoid membrane )</i>
<b>AS05 084A-HRP</b>	PsbA   D1 protein of PSII, C-terminal, HRP-conjugated (40 µg)	Rabbit	40 µg	Western blot (WB)	<i>Anabaena 712, Arabidopsis thaliana, Artemisia annua, Arundo sp., Chlamydomonas reinhardtii, Colobanthis quitensis Kunt Bartl, Coscinodiscus wailesii, Craterostigma sp., Ditylum brightwellii, Glycine max, Hordeum vulgare, Lindernia sp., Miscanthus x giganteus, Marchantia polymorpha (liverwort), Nicotiana benthamiana, Panicum miliaceum, Panax ginseng, Panicum maximum, Pinus strobus, Physcomitrella patens, Synechococcus sp. PCC 7942, Paulinella chromatophora (amoeba), Prochlorococcus sp. (surface and deep water ecotype), Spirodela polyrhiza, Symbiodinium sp., Zea mays (predicted: Algae (brown and red), Dictos, Conifers, Cyanobacteria, Medicago sativa, Nannochloropsis sp., Pisum sativum, Triticum aestivum, cellular [compartment marker] of thylakoid membrane. )</i>
<b>AS05 084PRE</b>	PsbA   D1 protein of PSII, C-terminal, pre-immune serum	Rabbit	100 µl		
<b>AS13 2669</b>	PsbA   D1 protein of PSII, phosphorylated	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana, Chlamydomonas reinhardtii, Hordeum vulgare, Zea mays (predicted: Dictos, Conifers, Monocts )</i>
<b>AS20 4410</b>	PYK10   Beta-Galactosidase (C-terminal)	Rabbit	100 µg	Immunohistochemistry (IHC), Western blot (WB)	<i>Arabidopsis thaliana</i>
<b>AS20 4409</b>	PYK10   Beta-Galactosidase (internal) (ER marker, immunolocalisation)	Rabbit	100 µg	Immunofluorescence (IF), Immunohistochemistry (IHC),	<i>Arabidopsis thaliana</i>

				Immunoprecipitation (IP), Western blot (WB)	
<b>AS15 2962</b>	RBOHD   Respiratory burst oxidase homolog protein D	Rabbit	50 µg	Immunofluorescence (IF), Western blot (WB)	<i>Arabidopsis thaliana, Solanum sp. (predicted: Brassica napus, Citrus sinensis, Citrullus colocynthis, Fragaria ananassa, Gossypium arboreum, Manihot esculenta, Morus notabilis, Nicotiana tabacum, Oryza sativa, Picea abies, Ricinus communis, Solanum tuberosum, Theobroma cacao, Zea mays, Zostera marina )</i>
<b>AS11 1630</b>	RGA   DELLA protein RGA	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana (predicted: Arabidopsis thaliana)</i>
<b>AS11 1803</b>	RGL2   RGA-like protein 2 (DELLA protein)	Rabbit	50 µg	Immunolocalization (IL), Western blot (WB)	<i>Arabidopsis thaliana</i>
<b>AS19 4266</b>	RPN10   26S proteasome regulatory subunit RPN10	Rabbit	50 µl	Western blot (WB)	<i>Arabidopsis thaliana (predicted: Gossypium hirsutum, Noccaea caerulea, Theobroma cacao )</i>
<b>AS16 3992</b>	RPS4   Disease resistance protein RPS4	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana (recombinant RPS4) (predicted: Arabidopsis thaliana)</i>
<b>AS17 4143</b>	RTA   Ricin toxic A chain	Rabbit	50 µl	ELISA (ELISA)	<i>Ricinus communis</i>
<b>AS17 4144</b>	RTB   Ricin toxic B chain	Rabbit	50 µl	ELISA (ELISA)	<i>Ricinus communis</i>
<b>AS13 2664</b>	S6K1-2   Ribosomal-protein S6 kinase homolog 1,2 - phosphorylated	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana (predicted: Thelungiella halophila )</i>
<b>AS07 256</b>	SAL1   Sal1 phosphatase	Rabbit	100 µl	Western blot (WB)	<i>Arabidopsis thaliana, Glycine max, Lycopersicon esculentum, Nicotiana tabacum, Populus tremula (predicted: Gossypium hirsutum, Oryza sativa )</i>
<b>AS16 3148</b>	SAM1-4   S-adenosylmethionine synthase	Rabbit	50 µl	Western blot (WB)	<i>Arabidopsis thaliana, Malus domestica (predicted: Beta vulgaris, Brassica sp., Citrus sp., Coffea canephora, Caomelina sativa, Capsella rubella, Cucumis melo, Cucumis sativus, Genlisea aurea, Gentiana triflora, Guzmania wittmacki, Gossypium raimondii, Eucalyptus grandis, Eutrema salsugineum, Ipomoea batatas, Jatropha curcas, Musa acuminata, Nicotiana sp., Oryza brachyantha, Phoenix dactylifera, Populus sp., Prunus sp., Ricinus</i>

					<i>communis</i> , <i>Sesamum indicum</i> , <i>Setaria italica</i> , <i>Solanum pennellii</i> , <i>Solanum tuberosum</i> , <i>Spinacia oleracea</i> , <i>Tarenaya hassleriana</i> , <i>Theobroma cacao</i> , <i>Zea mays</i> )
<b>AS16 3148A</b>	SAM1-4   S-adenosylmethionine synthase (affinity purified)	Rabbit	100 µg	Western blot (WB)	<i>Arabidopsis thaliana</i> , <i>Malus domestica</i> (predicted: <i>Beta vulgaris</i> , <i>Brassica sp.</i> , <i>Citrus sp.</i> , <i>Coffea canephora</i> , <i>Caomelina sativa</i> , <i>Capsella rubella</i> , <i>Cucumis melo</i> , <i>Cucumis sativus</i> , <i>Genlisea aurea</i> , <i>Gentiana triflora</i> , <i>Guzmania wittmacki</i> , <i>Gossypium raimondii</i> , <i>Eucalyptus grandis</i> , <i>Eutrema salsugineum</i> , <i>Ipomoea batatas</i> , <i>Jatropha curcas</i> , <i>Musa acuminata</i> , <i>Nicotiana sp.</i> , <i>Oryza brachyantha</i> , <i>Phoenix dactylifera</i> , <i>Populus sp.</i> , <i>Prunus sp.</i> , <i>Ricinus communis</i> , <i>Sesamum indicum</i> , <i>Setaria italica</i> , <i>Solanum pennellii</i> , <i>Solanum tuberosum</i> , <i>Spinacia oleracea</i> , <i>Tarenaya hassleriana</i> , <i>Theobroma cacao</i> , <i>Zea mays</i> )
<b>AS10 1623</b>	slI0528   putative zinc metalloprotease slI0528	Rabbit	50 µl	Western blot (WB)	<i>Synechocystis sp. PCC 683</i> (predicted: <i>Crocospaera watsonii</i> , <i>Synechococcus</i> , <i>Microcystis aeruginosa</i> , <i>Nostoc sp.</i> )
<b>AS08 355</b>	slr0156   ATP-dependent chaperone clpB	Rabbit	100 µl	Western blot (WB)	<i>Synechocystis PCC 683</i> (predicted: <i>Cyanobacteria</i> )
<b>AS08 344</b>	slr1641   ATP-dependent chaperone clpB	Rabbit	100 µl	Western blot (WB)	<i>Synechocystis PCC 683</i> , <i>Solanum lycopersicum</i> (predicted: <i>Cyanobacteria</i> , <i>Francisella sp.</i> )
<b>AS16 3943</b>	SOT12   Cytosolic Sulfotransferase 12	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana</i> (predicted: <i>Arabidopsis lyrata</i> subsp. <i>lyrata</i> , <i>Arabis alpina</i> , <i>Brassica napus</i> , <i>Brassica oleracea</i> var. <i>oleracea</i> , <i>Brassica rapa</i> subsp. <i>pekinensis</i> , <i>Capsella rubella</i> , <i>Eutrema salsugineum</i> , <i>Noccaea caerulea</i> Species of your interest not listed? Contact us)
<b>AS11 1770</b>	Sub1C   submergence-1C	Rabbit	100 µl	Western blot (WB)	<i>Oryza sativa</i> (predicted: <i>Oryza sativa</i> )
<b>AS15 2830</b>	SUS1   Sucrose synthase 1	Rabbit	50 µl	Western blot (WB)	<i>Arabidopsis thaliana</i> , <i>Hordeum vulgare</i> , <i>Miscanthus x giganteus</i> , <i>Zea mays</i> (predicted: <i>Brassica sp.</i> , <i>Glycine max</i> , <i>Gossypium sp.</i> , <i>Hevea brasiliensis</i> , <i>Jatropha curcas</i> , <i>Mangifera indica</i> , <i>Manihot esculenta</i> , <i>Theobroma cacao</i> ,

					<i>Pisum sativum, populus tomentosa, Ricinus communis</i> Species of your interest not listed? Contact us
<b>AS15 3062</b>	TM2   Tobacco mosaic virus resistance-2	Rabbit	50 µl	Western blot (WB)	(predicted: <i>Brassica napus, Micromonas sp., Physcomitrella patens, Pinus sitchensis, Solanum tuberosum, Volvox carteri</i> )
<b>AS08 307A</b>	UBQ11   Ubiquitin (affinity purified)	Rabbit	50 µg	Western blot (WB)	<i>Arabidopsis thaliana, Hordeum vulgare, Lupinus angustifolius, Malus domestica, Nicotiana benthamina, Oryza sativa, Pisum sativum, Solanum tuberosum, Zea mays, Vitis vinifera</i> (predicted: <i>Brachypodium distachyon, Brassica napus, Capsella rubella, Cochliobolus heterostrophus, Citrus clementina, Citrus sinensis, Coffea canephora, Cymbidium faberi, Eucalyptus grandis, Erythrane guttata, Glycine max, Glycine soja, Ipomoea batatas, Medicago truncatula, Magnaporthe oryzae, Nicotiana tabacum, Phaseolus vulgaris, Populus trichocarpa, Prunus persica, Pyrus communis, Ricinus communis, Solanum nigrum, Sorghum bicolor, Triticum aestivum, Theobroma cacao, Vitis vinifera</i> )
<b>AS08 307</b>	UBQ11   Ubiquitin (serum)	Rabbit	50 µl	Western blot (WB)	<i>Arabidopsis thaliana, Euphorbia kansui, Hordeum vulgare, Nicotiana benthamina, Solanum lycopersicum</i> (predicted: <i>Brachypodium distachyon, Brassica napus, Capsella rubella, Cochliobolus heterostrophus, Citrus clementina, Citrus sinensis, Coffea canephora, Cymbidium faberi, Eucalyptus grandis, Erythrane guttata, Glycine max, Glycine soja, Ipomoea batatas, Medicago truncatula, Magnaporthe oryzae, Nicotiana tabacum, Olea europaea var. sylvestris, Oryza sativa, Pisum sativum, Phaseolus vulgaris, Populus trichocarpa, Prunus persica, Pyrus communis, Ricinus communis, Solanum nigrum, Solanum tuberosum, Sorghum bicolor, Triticum aestivum, Theobroma cacao, Zea mays, Vitis vinifera</i> )
<b>AS07 213</b>	V-ATPase   Epsilon subunit of tonoplast H <sup>+</sup> ATPase	Rabbit	50 µl	Immunofluorescence (IF),	<i>Ananas comosus, Arabidopsis thaliana, Cucumis sativus, Chara australis, Chlamydomonas reinhardtii, Fortunella margarita Swingle, Hordeum vulgare, Lycopersicum</i>

				Immunohistochemistry (IHC), Western blot (WB)	<i>esculentum, Lilium longiflorum, Malus x domestica Borkh. c.v. Fuji, Medicago truncatula, Mesembryanthemum crystallinum, Nicotiana tabacum, Noccaea caerulea, Oryza sativa, Petunia hybrida cv. Mitchell, Populus sp., Pteris vittata (fern), Thellungiella sp., Triticum aestivum, Zea mays, Vitis vinifera (predicted: Brachypodium dystachyon, Capsella rubella, Citrus clementina, Citrus unshiu, Citrus limon, Eucalyptus grandis, Glycine max, Glycine soja, Lotus japonicus, Phaseolus sp., Physcomitrella patens, Populus trichocarpa, Prunus persica, Ricinus communis, Reticum aestivum, Solanum lycopersicum, Solanum tuberosum, Sorghum bicolor, Theobroma cacao, Vitis vinifera, Bull frog, Chicken, Bovine, Drosophila melanogaster, Human, Mouse, Rat )</i>
<b>AS09 577A</b>	V-ATPase   epsilon subunit of tonoplast H+ATPase (affinity purified, goat antibody)	Goat	200 µg	Western blot (WB)	<i>Arabidopsis thaliana, Avena strigosa, Medicago truncatula, Nicotiana tabacum, Solanum lycopersicum (predicted: Algae, Chlamydomonas reinhardtii, Hordeum vulgare, Malus domestica, Mesembryanthemum sp., Oryza sativa, Petunia sp., Phaseolus sp., Physcomitrella patens, Pteris vittata (fern), Ricinus communis, Thellungiella sp., Zea mays, Vitis vinifera Bull frog, Chicken, Bovine, Drosophila melanogaster, Human, Mouse, Rat )</i>
<b>AS09 577</b>	V-ATPase   Epsilon subunit of tonoplast H+ATPase (goat antibody)	Goat	300 µl	Western blot (WB)	<i>Arabidopsis thaliana, Avena strigosa, Nicotiana tabacum, Solanum lycopersicum (predicted: Algae, Chlamydomonas reinhardtii, Hordeum vulgare, Malus domestica, Mesembryanthemum sp., Oryza sativa, Petunia sp., Phaseolus sp., Physcomitrella patens, Pteris vittata (fern), Ricinus communis, Thellungiella sp., Zea mays, Vitis vinifera Bull frog, Chicken, Bovine, Drosophila melanogaster, Human, Mouse, Rat )</i>
<b>AS07 213P</b>	V-ATPase   epsilon subunit of tonoplast H+ATPase, Blocking peptide		500 µg (2 µg/µl)		Neutralization assay (NeA)

<b>AS14 2770</b>	ZCP1   Zinc Chaperone Protein	Rabbit	50 µl	Western blot (WB)	<i>Chlamydomonas reinhardtii</i> (predicted: <i>Emiliana huxleyi</i> )
<b>AS12 1848</b>	ZCP2   Zinc Chaperone Protein	Rabbit	50 µl	Western blot (WB)	<i>Chlamydomonas reinhardtii</i> (predicted: <i>Emiliana huxleyi</i> )
<b>AS15 3092</b>	ZEP   Zeaxanthin Epoxidase	Rabbit	50 µl	Western blot (WB)	<i>Arabidopsis thaliana</i> (predicted: <i>Brassica campestris</i> , <i>Brassica napus</i> , <i>Brassica rapa</i> , <i>Camelina sativa</i> , <i>Capsella rubella</i> , <i>Eutrema salsugineum</i> , <i>Microthlaspi erraticum</i> , <i>Noccaea caerulea</i> , <i>Raphanus sativus</i> )