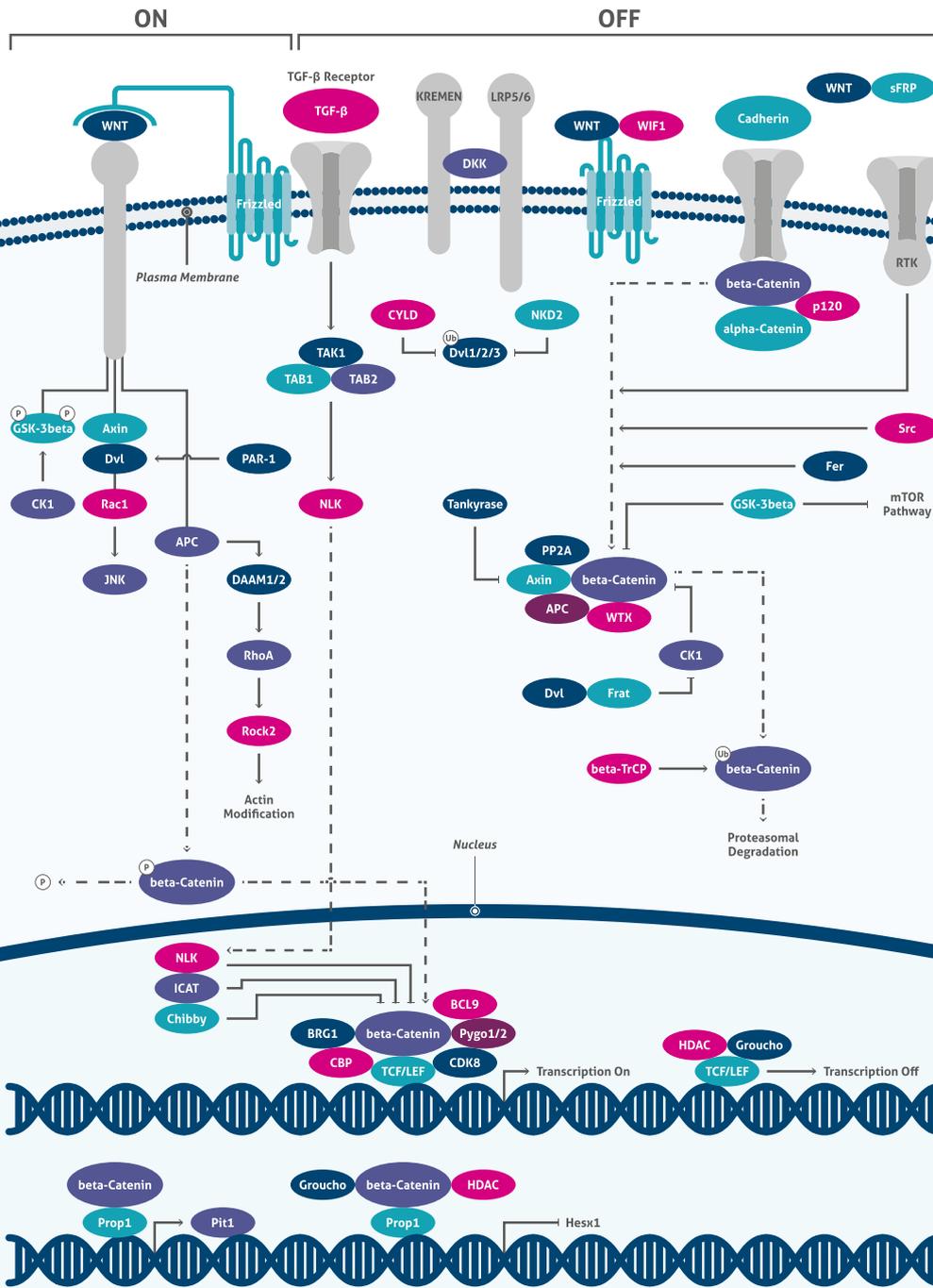


# WNT Signaling Pathway



Legend			
—	Association	—	Inhibits
→	Directly Activates	(P)	Phosphorylates
- - - - ->	Indirectly Activates	(Ub)	Ubiquitin

## Primary Antibodies

Target	Cat no.	Type	Applications
Phospho beta-Catenin (S33)	80067-1-RR	Rabbit Recombinant	WB, ELISA
Phospho beta-Catenin (Ser675)	80084-1-RR	Rabbit Recombinant	WB, ELISA
Phospho GSK3B (Ser389)	14850-1-AP	Rabbit Poly	WB, ELISA *
Phospho GSK3B (Ser9)	67558-1-Ig	Mouse Mono	WB, IHC, IF, ELISA *
APC	19782-1-AP	Rabbit Poly	WB, IHC, ELISA *
AXIN1	16541-1-AP	Rabbit Poly	WB, IHC, ELISA *
AXIN2	20540-1-AP	Rabbit Poly	WB, IHC, ELISA **
beta-Catenin	51067-2-AP	Rabbit Poly	WB, IP, IF, CoIP, IHC, ChIP, ELISA ***
beta-Catenin	66379-1-Ig	Mouse Mono	WB, IP, IHC, IF, CoIP, ELISA *
Casein Kinase 1 epsilon	11230-1-AP	Rabbit Poly	WB, IHC, ELISA *
Casein Kinase 1 delta	14388-1-AP	Rabbit Poly	WB, IP, IHC, IF, ELISA *
CREB1	12208-1-AP	Rabbit Poly	WB, IP, IHC, IF, FC, ChIP, ELISA **
DAAM1	14876-1-AP	Rabbit Poly	WB, IP, IHC, IF, CoIP, ELISA **
DKK1	21112-1-AP	Rabbit Poly	WB, IHC, IF, ELISA **
DKK2	21051-1-AP	Rabbit Poly	WB, IP, IHC, IF, ELISA **
DVL2	12037-1-AP	Rabbit Poly	WB, IP, IHC, IF, ELISA **
DVL2	67105-1-Ig	Mouse Mono	WB, ELISA *
DVL3	13444-1-AP	Rabbit Poly	WB, IP, IF, ELISA *
E2A	21242-1-AP	Rabbit Poly	WB, IP, IF, ELISA *
Frizzled 2	24272-1-AP	Rabbit Poly	WB, ELISA *
Frizzled 5	21519-1-AP	Rabbit Poly	WB, IP, ELISA *
Frizzled 7	16974-1-AP	Rabbit Poly	WB, IP, CoIP, ELISA **
Frizzled 8	55093-1-AP	Rabbit Poly	WB, IHC, ELISA *
Frizzled 9	13865-1-AP	Rabbit Poly	WB, IHC, ELISA *
Frizzled 9	67023-1-Ig	Mouse Mono	WB, IHC, ELISA *
Frizzled 10	18175-1-AP	Rabbit Poly	WB, IHC, IF, ELISA *

Target	Cat no.	Type	Applications
GSK3B	22104-1-AP	Rabbit Poly	WB, IP, IHC, IF, ELISA ***
GSK3B	67329-1-Ig	Mouse Mono	WB, IHC, IF, ELISA *
HIC5	10565-1-AP	Rabbit Poly	WB, IP, IHC, IF, ELISA *
HNF1B	12533-1-AP	Rabbit Poly	WB, IHC, IF, FC, CoIP, ELISA **
LEF1	14972-1-AP	Rabbit Poly	WB, IP, IHC, IF, ELISA **
LRP5	24899-1-AP	Rabbit Poly	WB, IHC, IF, ELISA *
NFATC2	22023-1-AP	Rabbit Poly	WB, IP, IHC, IF, ELISA **
NFATC2	66917-1-Ig	Mouse Mono	WB, IHC, IF, ELISA *
PYGO2	11555-1-AP	Rabbit Poly	WB, IHC, ELISA *
RHOA	10749-1-AP	Rabbit Poly	WB, IHC, IF, ELISA **
RHOA	66733-1-Ig	Mouse Mono	WB, IHC, IF, ELISA *
ROCK1	21850-1-AP	Rabbit Poly	WB, IHC, IF, ELISA **
ROCK1	66782-1-Ig	Mouse Mono	WB, ELISA *
ROCK1-specific	20247-1-AP	Rabbit Poly	WB, IHC, ELISA **
ROCK2	21645-1-AP	Rabbit Poly	WB, IP, IHC, IF, ELISA **
ROCK2	66633-1-Ig	Mouse Mono	WB, IHC, ELISA **
ROCK2-specific (c-term)	20248-1-AP	Rabbit Poly	WB, IHC, IF, ELISA **
SFRP1	26460-1-AP	Rabbit Poly	WB, IHC, IF, ELISA *
SFRP2	12189-1-AP	Rabbit Poly	WB, ELISA *
SFRP2	66328-1-Ig	Mouse Mono	WB, IHC, IF, ELISA *
SFRP4	15328-1-AP	Rabbit Poly	WB, IP, IHC, ELISA **
TCF4	22337-1-AP	Rabbit Poly	WB, IP, IHC, IF, ELISA **
WNT2	66656-1-Ig	Mouse Mono	WB, IF, ELISA *
WNT3	67452-1-Ig	Mouse Mono	WB, IHC, ELISA *
WNT5A/B	55184-1-AP	Rabbit Poly	WB, IHC, IF, ELISA **
WNT6	24201-1-AP	Rabbit Poly	WB, IHC, IF, ELISA *
WNT7A/B	10605-1-AP	Rabbit Poly	WB, IP, IHC, IF, FC, ELISA *

Key	
*	KO/KD
*	Citations
**	>100 Citations



## Humankine Active Cytokines and Growth-Factors

### Research Grade

Target	Cat no.	Purity	Activity (EC <sub>50</sub> )	Endotoxin (LAL)	Source
Wnt3A	HZ-1296	>90%	<20 ng/mL*	<1 EU/μg	HEK293 *

\*Dose-dependent induction of luciferase production in a HEK293 TCF/LEF reporter cell line.

### GMP Grade

Target	Cat no.	Purity	Activity (EC <sub>50</sub> )	Endotoxin (LAL)	Source
Wnt3A	HZ-1296-GMP	>90%	25-125 ng/mL*	<0.1 EU/μg	HEK293

\*Wnt3A stimulates dose dependent alkaline phosphatase production in MC3T3 E1 mouse proteoblast cells. pNPP was used as chromogenic substrate.

## Conjugated Primary Antibodies

Target	Cat no.	Type	Conjugation	Applications
beta-Catenin	CL488-51067	Rabbit Poly	Coralite 488	IF *
beta-Catenin	CL488-66379	Mouse Mono	Coralite 488	IF
TCF3	CL488-67140	Mouse Mono	Coralite 488	IF
GSK3B	CL488-67329	Mouse Mono	Coralite 488	IF
NFATC2	CL488-66917	Mouse Mono	Coralite 488	IF
RHOA	CL488-66733	Mouse Mono	Coralite 488	IF
SFRP2	CL488-66328	Mouse Mono	Coralite 488	IF

Target	Cat no.	Type	Conjugation	Applications
beta-Catenin	CL555-51067	Rabbit Poly	Coralite 555	IF *

Target	Cat no.	Type	Conjugation	Applications
beta-Catenin	CL594-17565	Rabbit Poly	Coralite 594	IF *
TCF3	CL594-67140	Mouse Mono	Coralite 594	IF
GSK3B	CL594-67329	Mouse Mono	Coralite 594	IF
RHOA	CL594-66733	Mouse Mono	Coralite 594	IF
ROCK2	CL594-66633	Mouse Mono	Coralite 594	WB *

Target	Cat no.	Type	Conjugation	Applications
beta-Catenin	CL647-51067	Rabbit Poly	Coralite 647	IF *