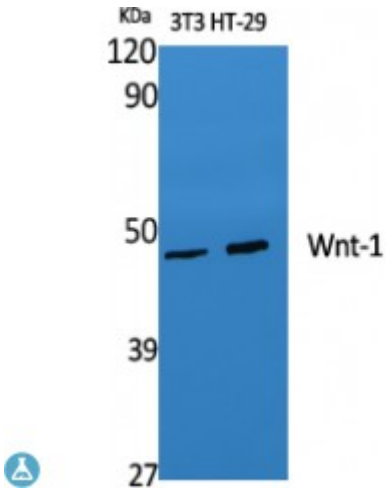
Anti-Wnt-1 antibody



Description	Rabbit polyclonal to Wnt-1.

Model	STJ96272
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human Wnt-1
Immunogen Region	270-350 aa, C-terminal
Gene ID	7471
Gene Symbol	WNT1
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:10000
Specificity	Wnt-1 Polyclonal Antibody detects endogenous levels of Wnt-1 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Proto-oncogene Wnt-1 Proto-oncogene Int-1 homolog
Molecular Weight	45 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:12774OMIM:164820
Alternative Names	Proto-oncogene Wnt-1 Proto-oncogene Int-1 homolog
Function	Ligand for members of the frizzled family of seven transmembrane receptors. In some developmental processes, is also a ligand for the coreceptor RYK, thus triggering Wnt signaling. Probable developmental protein. May be a signaling molecule important in CNS development. Is likely to signal over only few cell diameters. Has a role in osteoblast function and bone development.
Cellular Localization	Secreted, extracellular space, extracellular matrix.
Post-translational Modifications	Palmitoleylation is required for efficient binding to frizzled receptors. Palmitoleylation is necessary for proper trafficking to cell surface (Probable). Depalmitoleylated by NOTUM, leading to inhibit Wnt signaling pathway .

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