

## WNT9B Polyclonal Antibody

<b>Catalog No :</b>	YN0291
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	WNT9B
<b>Fields :</b>	>>mTOR signaling pathway;>>Wnt signaling pathway;>>Hippo signaling pathway;>>Signaling pathways regulating pluripotency of stem cells;>>Melanogenesis;>>Cushing syndrome;>>Alzheimer disease;>>Pathways of neurodegeneration - multiple diseases;>>Human papillomavirus infection;>>Pathways in cancer;>>Proteoglycans in cancer;>>Basal cell carcinoma;>>Breast cancer;>>Hepatocellular carcinoma;>>Gastric cancer
<b>Gene Name :</b>	WNT9B WNT14B WNT15 UNQ6973/PRO21956
<b>Protein Name :</b>	Protein Wnt-9b (Protein Wnt-14b) (Protein Wnt-15)
<b>Human Gene Id :</b>	7484
<b>Human Swiss Prot No :</b>	O14905
<b>Mouse Swiss Prot No :</b>	O35468
<b>Immunogen :</b>	Synthesized peptide derived from human protein . at AA range: 120-200
<b>Specificity :</b>	WNT9B Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	39kD
<b>Cell Pathway :</b>	WNT;WNT-T CELLHedgehog;Melanogenesis;Pathways in cancer;Basal cell carcinoma;
<b>Background :</b>	The WNT gene family consists of structurally related genes that encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. Study of its expression in the teratocarcinoma cell line NT2 suggests that it may be implicated in the early process of neuronal differentiation of NT2 cells induced by retinoic acid. This gene is clustered with WNT3, another family member, in the chromosome 17q21 region. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016],
<b>Function :</b>	function:Ligand for members of the frizzled family of seven transmembrane receptors.,function:Ligand for members of the frizzled family of seven transmembrane receptors. Probable developmental protein. May be a signaling molecule which affects the development of discrete regions of tissues. Is likely to signal over only few cell diameters.,similarity:Belongs to the Wnt family.,tissue specificity:Moderately expressed in fetal kidney and adult kidney. Also found in brain.,
<b>Subcellular Location :</b>	Secreted, extracellular space, extracellular matrix . Secreted .
<b>Expression :</b>	Moderately expressed in fetal kidney and adult kidney. Also found in brain.

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