



## Rabbit Anti-WNT9A antibody

SL20257R

<b>Product Name:</b>	WNT9A
<b>Chinese Name:</b>	信号通路Wnt9a抗体
<b>Alias:</b>	wingless-type MMTV integration site 9A; MGC124412; Protein Wnt 9b precursor; Wingless type MMTV integration site 9B; Wingless type MMTV integration site family member 15; Wingless type MMTV integration site family member 9B; Wnt 14b; Wnt-15; Wnt14b; Wnt15; Wnt9b wingless type MMTV integration site family member 9B; WNT14; WNT9A HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Dog,Cow,Horse,Rabbit,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	37kDa
<b>Cellular localization:</b>	The cell membraneExtracellular matrixSecretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human WNT9A:131-230/365
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 0.01M PBS, pH 7.4
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	Wnt9b is a member of the WNT family and is a ligand for members of the frizzled family of seven transmembrane receptors. The WNT gene family consists of structurally related genes that encode secreted signaling proteins. Wnt9b is expressed in

the inductive epithelia and is essential for the development of mesonephric and metanephric tubules and caudal extension of the Müllerian duct. Wnt9b plays a central role in the regulation of mesenchymal to epithelial transitions underlying organogenesis of the mammalian urogenital system. The gene is clustered with WNT3, another family member, in the chromosome 17q21 region.

**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 (By similarity).

**Subcellular Location:**

Secreted, extracellular space, extracellular matrix.

**Tissue Specificity:**

Expressed in adult brain, lung, skeletal muscle, heart, and 17-day embryo.

**Similarity:**

Belongs to the Wnt family.

**SWISS:**

O14904

**Gene ID:**

7483

**Database links:**

[Entrez Gene: 7483](#)Human

[Entrez Gene: 216795](#)Mouse

[Entrez Gene: 287357](#)Rat

[Omim: 602863](#)Human

[SwissProt: O14904](#)Human

[SwissProt: Q8R5M2](#)Mouse

[Unigene: 149504](#)Human

[Unigene: 218794](#)Mouse

[Unigene: 40411](#)Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human,

	therapeutic or diagnostic applications.
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