



## Rabbit Anti-WNT9A antibody

SL1933R

<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,Rat,Pig,Cow,Horse,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=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>	Extracellular matrixSecretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human WNT9A:21-120/365
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<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

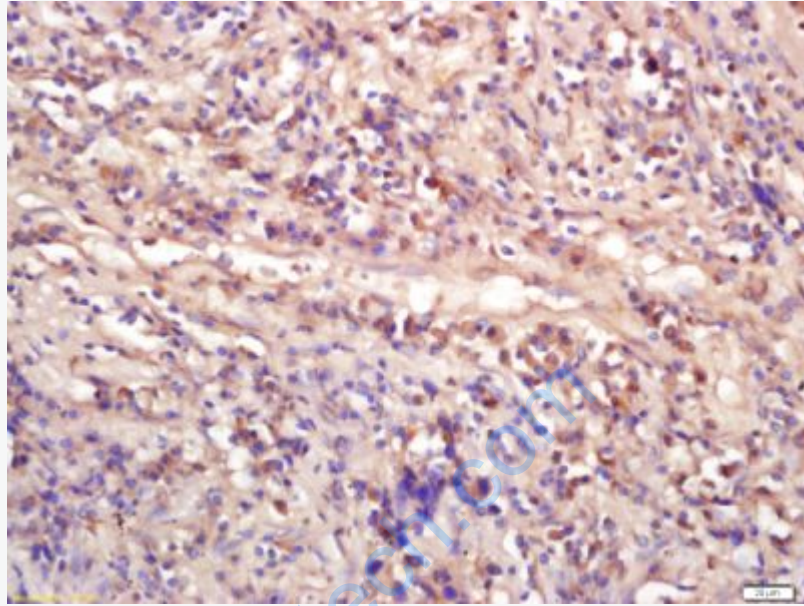
[Unigene: 218794](#)Mouse

[Unigene: 40411](#)Rat

**Important Note:**

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

therapeutic or diagnostic applications.



**Picture:**

Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-WNT9A Polyclonal Antibody, Unconjugated(SL1933R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining