



Rabbit Anti-Wnt8b antibody

SL6245R

Product Name:	Wnt8b
Chinese Name:	WNT蛋白家族Wnt8b抗体
Alias:	Protein Wnt-8b; Wingless related MMTV integration site 8b; Wingless type MMTV integration site family, member 8B; Wnt 8b; Wnt8 b; Wnt8b; WNT8B HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,
Applications:	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.
Molecular weight:	36kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Wnt8b:131-230/351
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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.
PubMed:	PubMed
Product Detail:	The WNT gene family consists of structurally related genes which 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. It encodes a protein which shows 95%, 86% and 71% amino acid identity to the mouse, zebrafish and Xenopus Wnt8B proteins, respectively. The expression patterns of the human and mouse

genes appear identical and are restricted to the developing brain. The chromosomal location of this gene to 10q24 suggests it as a candidate gene for partial epilepsy.

Function:

Ligand for members of the frizzled family of seven transmembrane receptors. May play an important role in the development and differentiation of certain forebrain structures, notably the hippocampus.

Subcellular Location:

Secreted

Tissue Specificity:

Expression is restricted to the brain, and more specifically to the forebrain.

Similarity:

Belongs to the Wnt family.

SWISS:

Q93098

Gene ID:

7479

Database links:

[Entrez Gene: 7479](#)Human

[Entrez Gene: 538720](#)Cow

[Entrez Gene: 486841](#)Dog

[Entrez Gene: 100070360](#)Horse

[Omim: 601396](#)Human

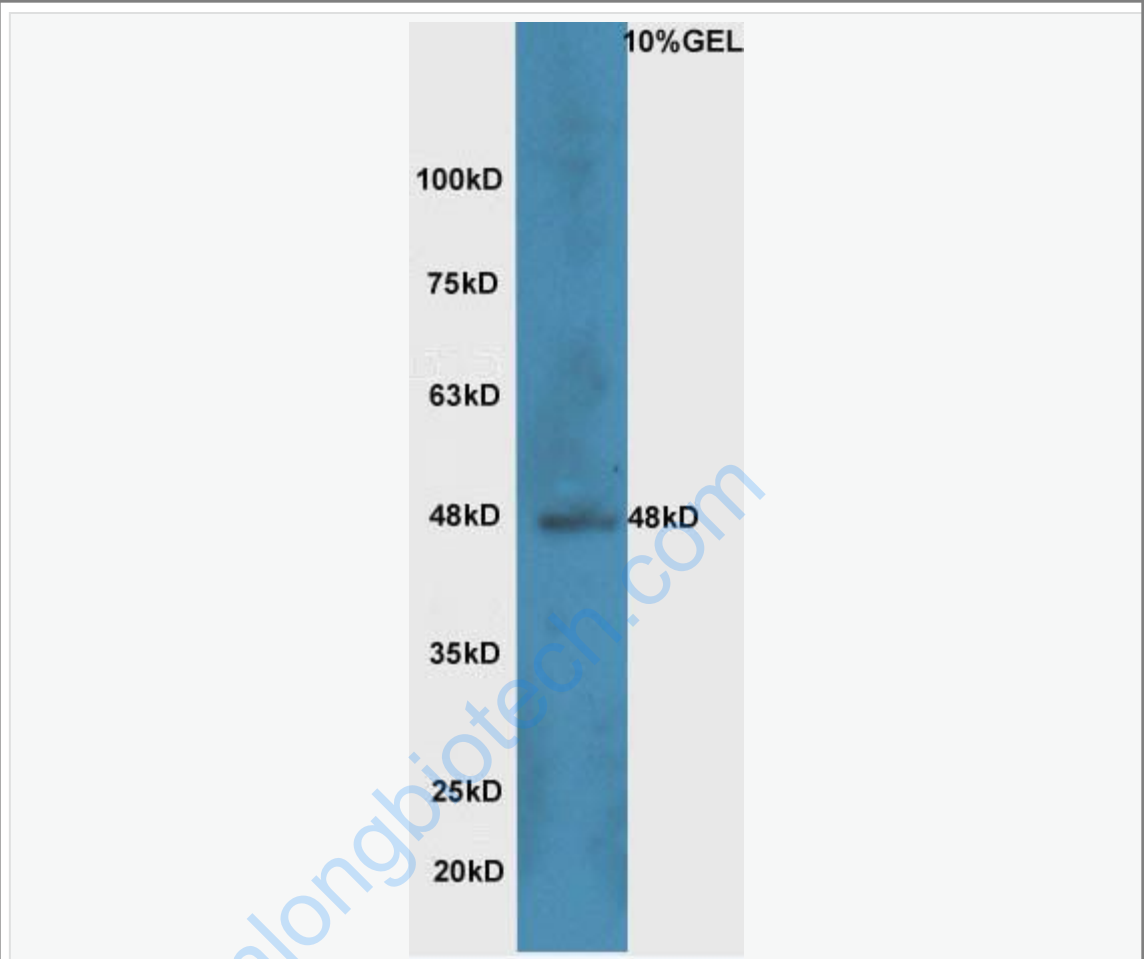
[SwissProt: Q93098](#)Human

[Unigene: 421281](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



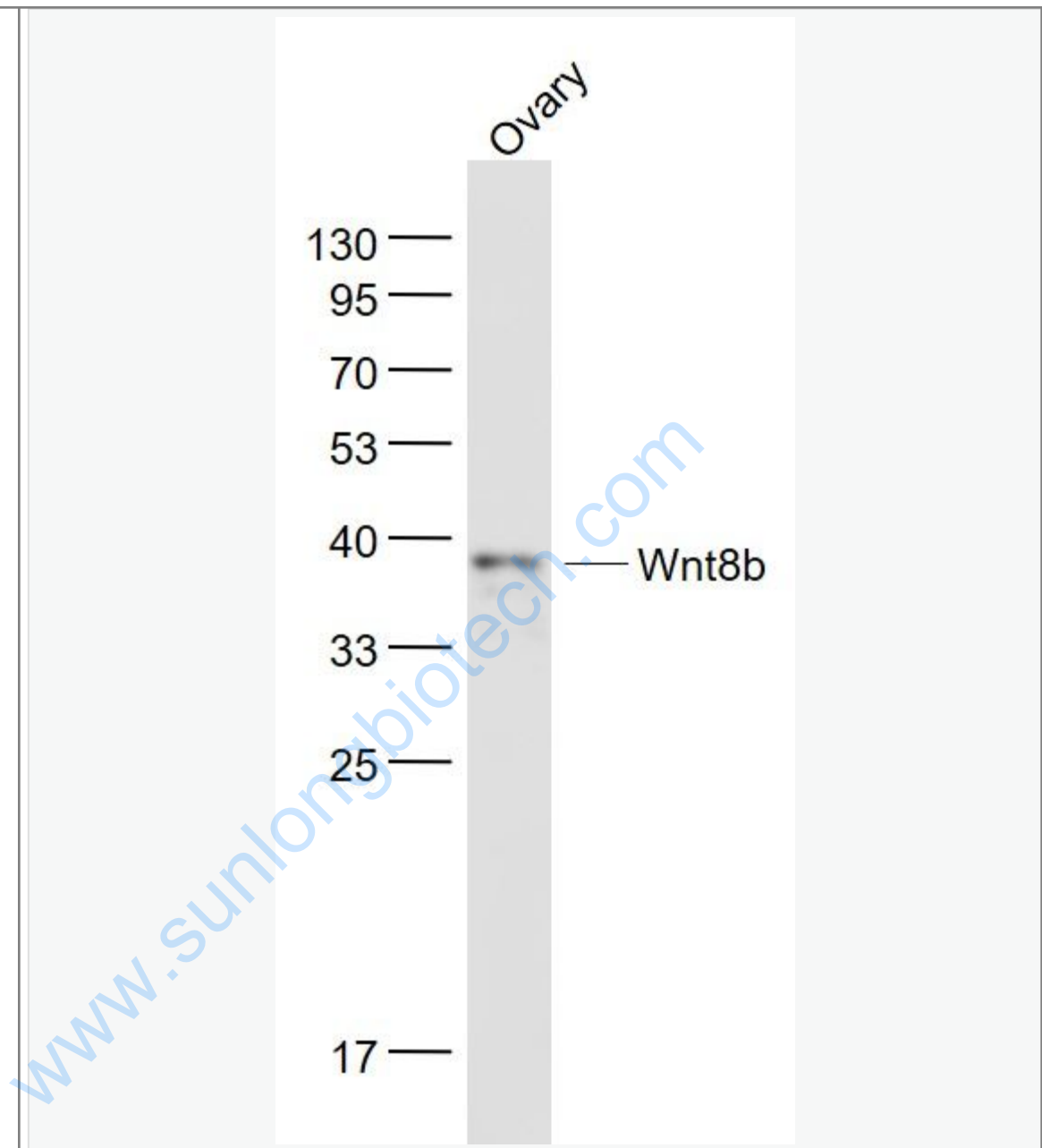
Sample: A549 Cell (Human) Lysate at 40 ug

Primary: Anti-Wnt8b (SL6245R) at 1/300 dilution

Secondary: HRP conjugated Goat-Anti-rabbit IgG (SL6245R) at 1/5000 dilution

Predicted band size: 36 kD

Observed band size: 48 kD



Sample:

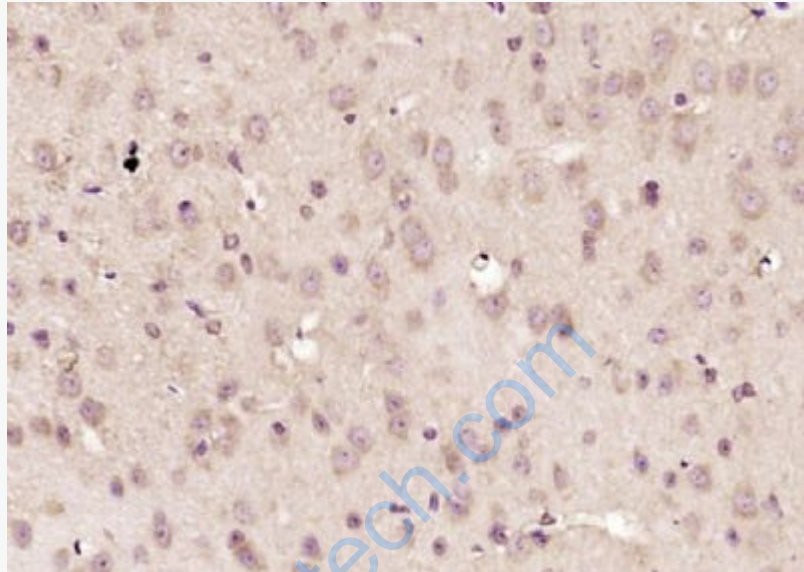
Ovary (Mouse) Lysate at 40 ug

Primary: Anti- Wnt8b (SL6245R) at 1/1000 dilution

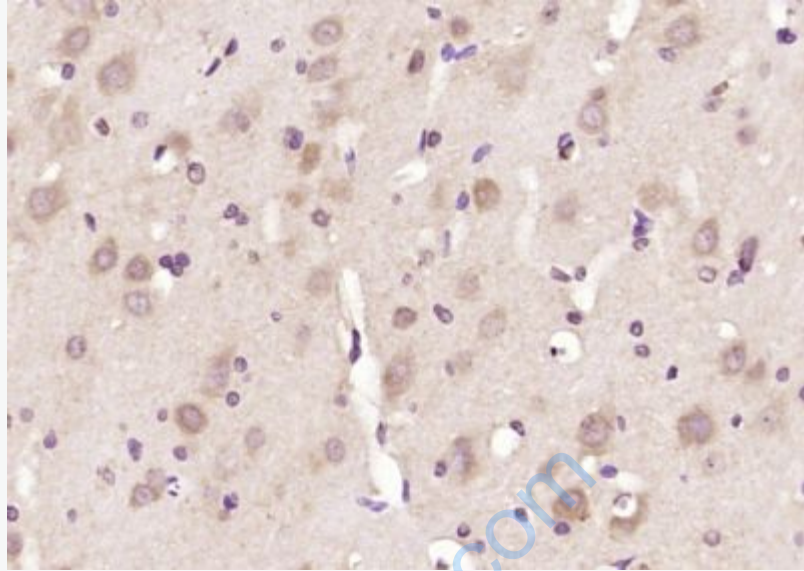
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 36 kD

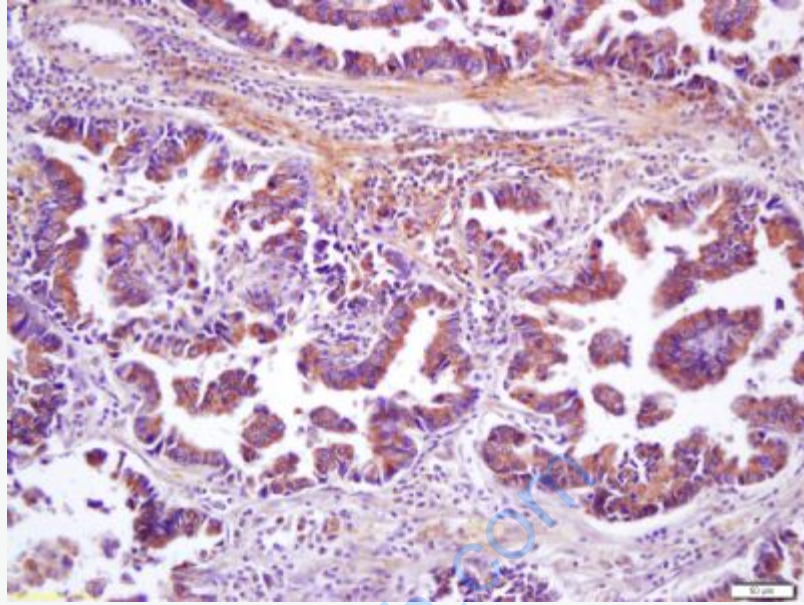
Observed band size: 36 kD



Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Wnt8b) Polyclonal Antibody, Unconjugated (SL6245R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Wnt8b) Polyclonal Antibody, Unconjugated (SL6245R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



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-Wnt8b Polyclonal Antibody, Unconjugated(SL6245R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining