




Rabbit Anti-WNT4 antibody

SL6134R

Product Name:	WNT4
Chinese Name:	信号通路Wnt4抗体
Alias:	WNT4 HUMAN; Protein Wnt-4.
文献引用 	<p>Specific References(3) SL6134R has been referenced in 3 publications.</p> <p>[IF=0.00]Hua, Jun-yi, et al. "Wnt4/β-catenin signaling pathway modulates balloon-injured carotid artery restenosis via disheveled-1." Int J Clin Exp Pathol 7.12 (2014): 8421-8431.IHC-P;Rat. PubMed:25674206</p> <p>[IF=3.40]Sung, Hsin-Ju Chiang, et al. "Combined therapy with melatonin and exendin-4 effectively attenuated the deterioration of renal function in rat cardiorenal syndrome." American Journal of Translational Research 9.2 (2017): 214-229.IHC-P;Rat. PubMed:28337255</p> <p>[IF=5.16]Hua, Jun-yi, et al. "Emodin prevents intima thickness via Wnt4/Dvl-1/β-catenin signaling pathway mediated by miR-126 in balloon-injured carotid artery rats." Experimental & Molecular Medicine 47.6 (2015): e170.IHC-P;Rat. PubMed:26113441</p>
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Horse,
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:	37kDa

Cellular localization:	Extracellular matrixSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human WNT4:201-300/351
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:	<p>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). Overexpression may be associated with abnormal proliferation in human breast tissue.</p> <p>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). Overexpression may be associated with abnormal proliferation in human breast tissue.</p> <p>Subunit: Interacts with PORCN.</p> <p>Subcellular Location: Secreted, extracellular space, extracellular matrix.</p> <p>DISEASE: Defects in WNT4 are a cause of Rokitansky-Kuster-Hauser syndrome (RKH syndrome) [MIM:277000]; also called Mayer-Rokitansky-Kuster-Hauser syndrome (MRKH syndrome or MRKH anomaly). RKH syndrome is characterized by utero-vaginal atresia in otherwise phenotypically normal female with a normal 46,XX karyotype. Anomalies of the genital tract range from upper vaginal atresia to total Muellierian agenesis with urinary tract abnormalities. It has an incidence of approximately 1 in 5'000 newborn girls. Defects in WNT4 are the cause of female sex reversal with dysgenesis of kidneys, adrenals, and lungs (SERKAL) [MIM:611812]; also known as SERKAL syndrome. Defects in WNT4 are the cause of Muellierian aplasia (MULLAPL) [MIM:158330].</p> <p>Similarity: Belongs to the Wnt family.</p>

SWISS:
P56705

Gene ID:
54361

Database links:

[Entrez Gene: 54361](#)Human

[Entrez Gene: 22417](#)Mouse

[Omim: 603490](#)Human

[SwissProt: P56705](#)Human

[SwissProt: P22724](#)Mouse

[Unigene: 25766](#)Human

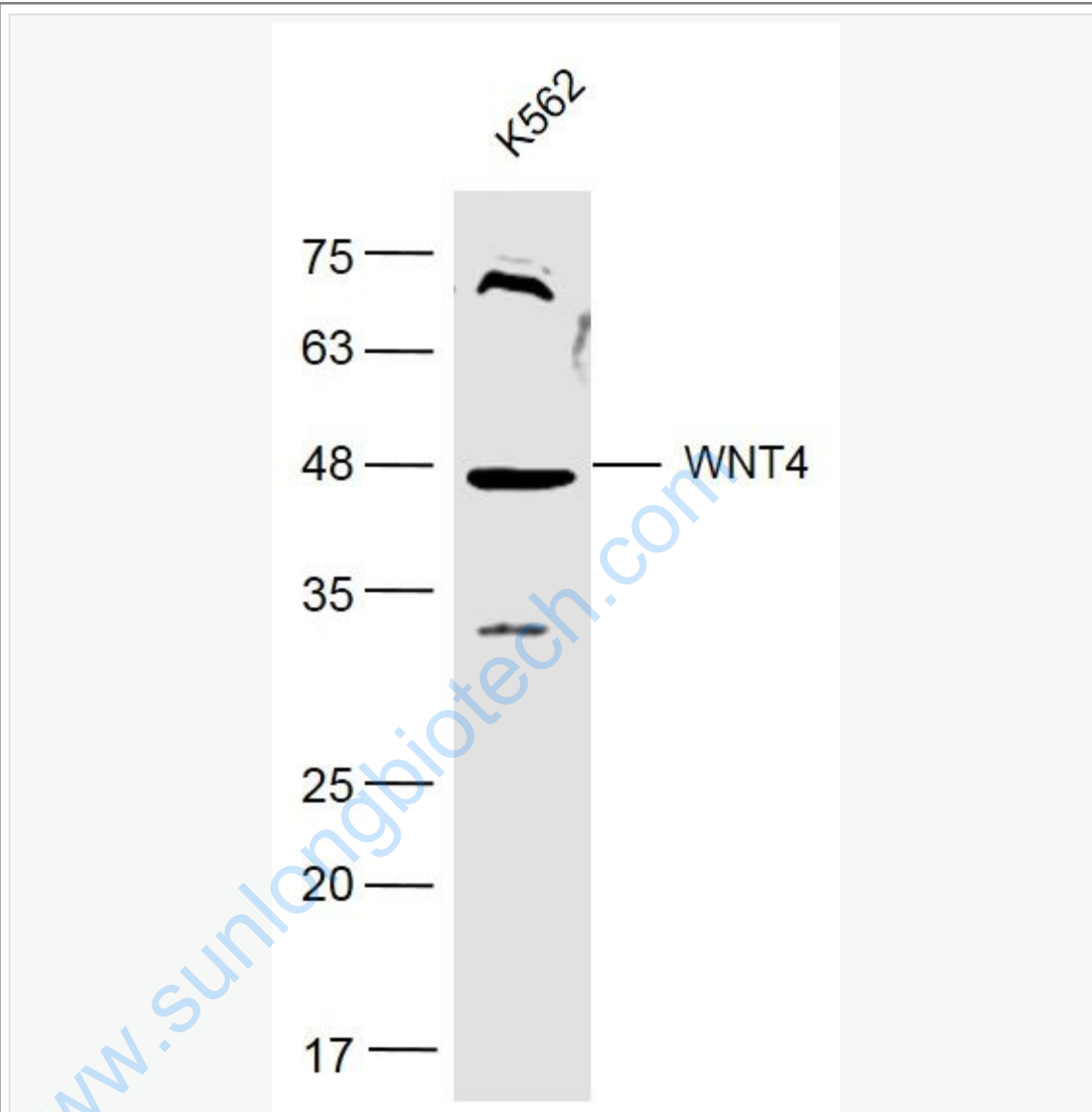
[Unigene: 611722](#)Human

[Unigene: 20355](#)Mouse

Important Note:

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

Picture:



Sample:

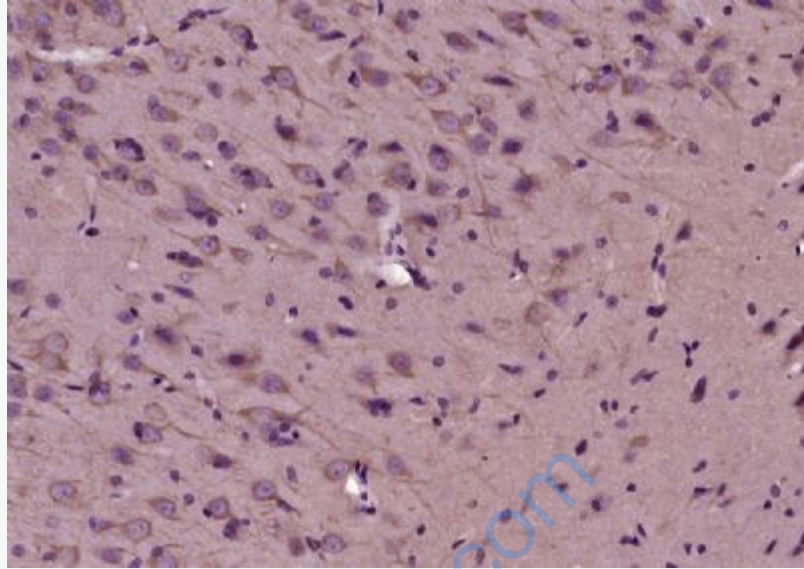
K562(Human) Cell Lysate at 30 ug

Primary: Anti- WNT4 (SL6134R) at 1/500 dilution

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

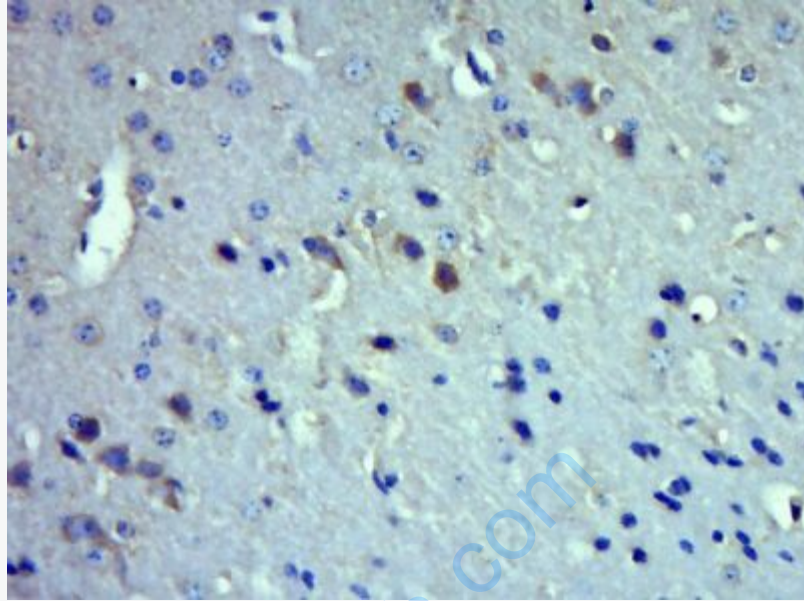
Predicted band size: 37 kD

Observed band size: 47 kD



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 (WNT4) Polyclonal Antibody, Unconjugated (SL6134R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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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 (WNT4) Polyclonal Antibody, Unconjugated (SL6134R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.