



Rabbit Anti-WISP1 antibody

SL6321R

Product Name:	WISP1
Chinese Name:	Wnt1信号通路蛋白1抗体
Alias:	CCN 4; CCN4; WISP 1; WISP 1c; WISP 1i; WISP 1tc; WISP1c; WISP1i; WISP1tc; WNT 1 induced secreted protein 1; Wnt 1 induced secreted protein; WNT 1 inducible signaling pathway protein 1; Wnt 1 signaling pathway protein 1; WNT1 induced secreted protein 1; Wnt1 induced secreted protein; WNT1 inducible signaling pathway protein 1; Wnt1 signaling pathway protein 1; WISP1_HUMAN
文献引用 PubMed :	<p>Specific References(1) SL6321R has been referenced in 1 publications.</p> <p>[IF=2.40]Xu, Wei, et al. "Resveratrol Attenuates Hyperoxia-induced Oxidative Stress, Inflammation and Fibrosis and Suppresses Wnt/β-catenin Signaling in Lungs of Neonatal Rats." Clinical and Experimental Pharmacology and Physiology(2015).WB;Rat.</p> <p style="text-align: right;">PubMed:26174235</p>
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Rabbit,
Applications:	ELISA=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:	38kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human WISP1:237-295/367
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>his gene encodes a member of the WNT1 inducible signaling pathway (WISP) protein subfamily, which belongs to the connective tissue growth factor (CTGF) family. WNT1 is a member of a family of cysteine-rich, glycosylated signaling proteins that mediate diverse developmental processes. The CTGF family members are characterized by four conserved cysteine-rich domains: insulin-like growth factor-binding domain, von Willebrand factor type C module, thrombospondin domain and C-terminal cystine knot-like domain. This gene may be downstream in the WNT1 signaling pathway that is relevant to malignant transformation. It is expressed at a high level in fibroblast cells, and overexpressed in colon tumors. The encoded protein binds to decorin and biglycan, two members of a family of small leucine-rich proteoglycans present in the extracellular matrix of connective tissue, and possibly prevents the inhibitory activity of decorin and biglycan in tumor cell proliferation. It also attenuates p53-mediated apoptosis in response to DNA damage through activation of the Akt kinase. It is 83% identical to the mouse protein at the amino acid level. Multiple alternatively spliced transcript variants have been identified. [provided by RefSeq, Mar 2011].</p> <p>Function: Downstream regulator in the Wnt/Frizzled-signaling pathway. Associated with cell survival. Attenuates p53-mediated apoptosis in response to DNA damage through activation of AKT kinase. Up-regulates the anti-apoptotic Bcl-X(L) protein. Adheres to skin and melanoma fibroblasts. In vitro binding to skin fibroblasts occurs through the proteoglycans, decorin and biglycan.</p> <p>Subcellular Location: Secreted.</p> <p>Tissue Specificity: Expressed in heart, kidney, lung, pancreas, placenta, ovary, small intestine and spleen. Isoform 2 is expressed predominantly in scirrhous gastric carcinoma and, weakly in placenta. Overexpression is associated with several cancers including breast cancer and colon tumors. Isoform 2 is overexpressed in scirrhous gastric carcinoma.</p> <p>Similarity: Belongs to the CCN family. Contains 1 CTCK (C-terminal cystine knot-like) domain. Contains 1 IGFBP N-terminal domain. Contains 1 TSP type-1 domain. [SIMILARITY] Contains 1 VWFC domain.</p> <p>SWISS: O95388</p>

Gene ID:
8840

Database links:
UniProtKB/Swiss-Prot: O95388.1

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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