

Rabbit WISP1 Polyclonal Antibody | anti-WISP1 antibody

WISP1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201243	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Cow, Pig	Western Blot

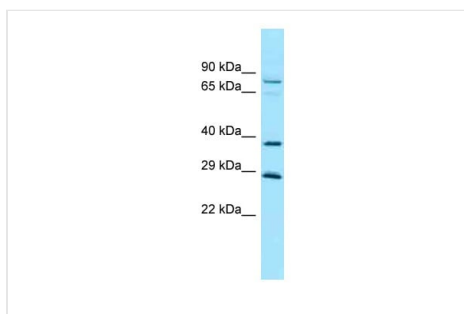
PRODUCT SYNONYMS

WISP1; Polyclonal Antibody; WISP1 antibody - middle region; anti-WISP1 antibody

PRODUCT SPECIFICATIONS

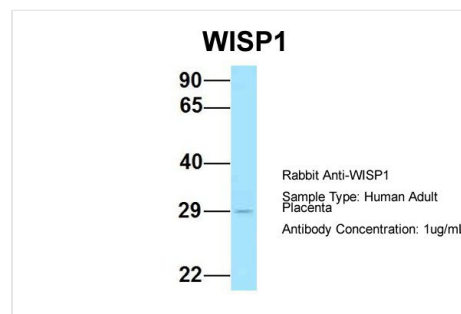
Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Cow, Pig
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following region: VR PPRLWCPhPR RVSIPGHCCE QWVCEDDAKR PRKTAPRDTG AFDAVGEV
Sequence Length	367
Applicable Applications for anti-WISP1 antibody	WB (Western Blot)
Homology	Cow: 92%; Human: 100%; Pig: 85%
Protein Size (# AA)	367 amino acids
Protein Interactions	BGN; DCN; UGGT1;
Blocking Peptide	For anti-WISP1 antibody is Catalog #
Preparation and Storage	For short term use, store at 2°C to 8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-WISP1 Antibody Titration: 1.0 ug/ml
Positive Control: 721_B Whole Cell
WISP1 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells



WB (Western Blot)

Host: Rabbit
Target Name: WISP1
Sample Type: Human Adult Placenta
Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-WISP1 antibody	WISP1 is strongly supported by BioGPS gene expression data to be expressed in 721_B Target Description: This 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.
Product Categories/Family for anti-WISP1 antibody	Polyclonal; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507921
NCBI GeneID	8840
NCBI Accession #	NP_003873
NCBI GenBank Nucleotide #	NM_003882
UniProt Accession #	O95388
Molecular Weight	38kDa
NCBI Official Full Name	WNT1-inducible-signaling pathway protein 1 isoform 1
NCBI Official Synonym Full Names	cellular communication network factor 4
NCBI Official Symbol	CCN4
NCBI Official Synonym Symbols	WISP1; WISP1c; WISP1i; WISP1tc; WISP1-OT1; WISP1-UT1
NCBI Protein Information	WNT1-inducible-signaling pathway protein 1
UniProt Protein Name	WNT1-inducible-signaling pathway protein 1
UniProt Gene Name	WISP1
UniProt Synonym Gene Names	CCN4; WISP-1
UniProt Entry Name	WISP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.