

Rabbit WISP1 Polyclonal Antibody | anti-WISP1 antibody

WISP1 Polyclonal Antibody

CATALOG # AAA173345	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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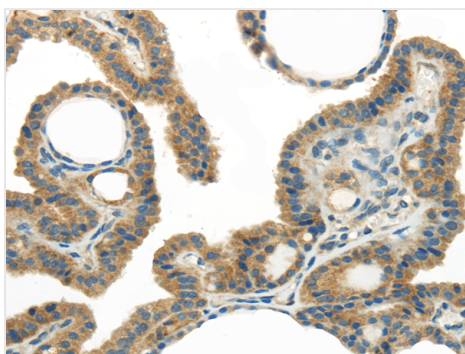
PRODUCT SYNONYMS

WISP1; Polyclonal Antibody; WISP1 Polyclonal Antibody; CCN4; WISP1c; WISP1i; WISP1tc; anti-WISP1 antibody

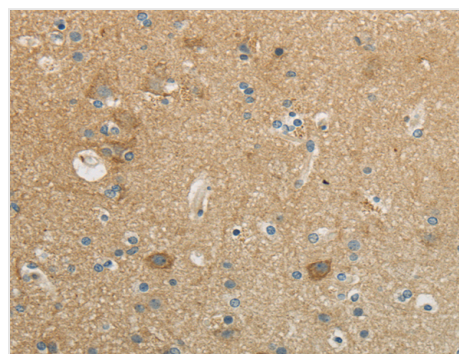
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Concentration	1.6mg/ml (varies by lot)
Sequence Length	122
Applicable Applications for anti-WISP1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human WISP1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-8864 / sc-25441
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using WISP1 Polyclonal Antibody at dilution 1:25



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human brain tissue using WISP1 Polyclonal Antibody at dilution 1:25

ADDITIONAL INFORMATION

Related Product Information for anti-WISP1 antibody	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. It is 83% identical to the mouse protein at the amino acid level. Multiple alternatively spliced transcript variants have been identified.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	325910845
NCBI GeneID	8840
NCBI GenBank Nucleotide #	NM_001204870.1
Molecular Weight	21,550 Da
NCBI Official Full Name	WNT1-inducible-signaling pathway protein 1 isoform 4
NCBI Official Synonym Full Names	WNT1 inducible signaling pathway protein 1
NCBI Official Symbol	WISP1
NCBI Official Synonym Symbols	CCN4; WISP1c; WISP1i; WISP1tc
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.

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