

Rabbit anti-Human WISP3 Polyclonal Antibody | anti-WISP3 antibody

WISP3 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287354	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

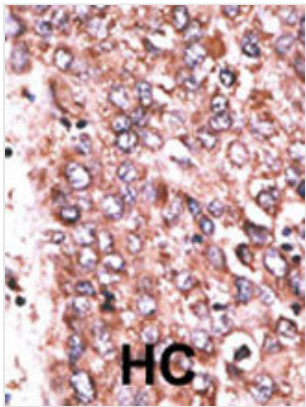
PRODUCT SYNONYMS

WISP3; Polyclonal Antibody; WISP3 Antibody (Center); WNT1-inducible-signaling pathway protein 3; WISP-3; CCN family member 6; CCN6; anti-WISP3 antibody

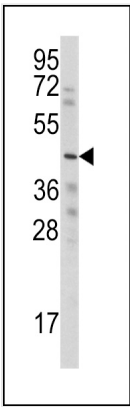
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This WISP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 305-335 amino acids from the Central region of human WISP3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	305-335
Sequence Length	372
Applicable Applications for anti-WISP3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of anti-WISP3 Antibody (Center) in HepG2 cell line lysates (35ug/lane). WISP3 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-WISP3 antibody	WISP3 is 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. WISP3 is overexpressed in colon tumors. It may be downstream in the WNT1 signaling pathway that is relevant to malignant transformation. Mutations of the WISP3 gene are associated with progressive pseudorheumatoid dysplasia, an autosomal recessive skeletal disorder, indicating that the gene is essential for normal postnatal skeletal growth and cartilage homeostasis.
Product Categories/Family for anti-WISP3 antibody	Immunology; Signal Transduction
References	Clark, H.F., et al., Genome Res. 13(10):2265-2270 (2003). Tanaka, S., et al., Gastroenterology 123(1):392-393 (2002). Kleer, C.G., et al., Oncogene 21(20):3172-3180 (2002). Hurvitz, J.R., et al., Nat. Genet. 23(1):94-98 (1999). Pennica, D., et al., Proc. Natl. Acad. Sci. U.S.A. 95(25):14717-14722 (1998).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507925
NCBI GeneID	8838
NCBI Accession #	NP_003871.1; NP_937882.1
NCBI GenBank Nucleotide #	NM_003880.3
UniProt Accession #	O95389; Q3KR29; Q5H8W4; Q6UXH6
Molecular Weight	39293
NCBI Official Full Name	WNT1-inducible-signaling pathway protein 3 isoform 1
NCBI Official Synonym Full Names	WNT1 inducible signaling pathway protein 3
NCBI Official Symbol	WISP3
NCBI Official Synonym Symbols	PPD; CCN6; LIBC; PPAC; WISP-3
NCBI Protein Information	WNT1-inducible-signaling pathway protein 3

UniProt Protein Name	WNT1-inducible-signaling pathway protein 3
UniProt Gene Name	WISP3
UniProt Synonym Gene Names	CCN6; WISP-3
UniProt Entry Name	WISP3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/wisp3-antibody-immunohistochemistry-western-blot-elisa/287354>