

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

WISP3 Antibody (Center)

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

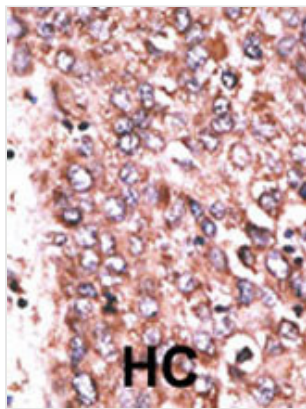
### PRODUCT SYNONYMS

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

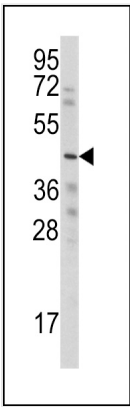
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 (Immunohistochemistry)**  
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).<br>Tanaka, S., et al., Gastroenterology 123(1):392-393 (2002).<br>Kleer, C.G., et al., Oncogene 21(20):3172-3180 (2002).<br>Hurvitz, J.R., et al., Nat. Genet. 23(1):94-98 (1999).<br>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          | <b>WISP3</b>                               |
| 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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/wisp3-antibody-immunohistochemistry-western-blot-elisa/287354>