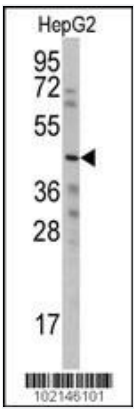
# WISP3 Antibody – Rabbit Polyclonal

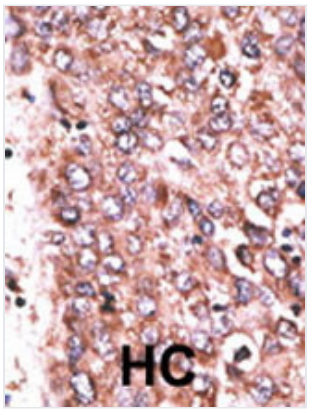
## PRODUCT OVERVIEW

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| **Product Name** | WISP3, Polyclonal Antibody |
| **Full Product Name** | WISP3, ID (WNT1-inducible-signaling Pathway Protein 3, WISP-3, CCN Family Member 6, CCN6, UNQ462/PRO790/PRO956) (PE) |
| **Product Gene Name** | anti-WISP3 antibody |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE). |
| **Purity/Purification** | Purified by Protein G Affinity Chromatography. |
| **Specificity** | Recognizes human WISP3. |
| **Preparation and Storage** | Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap. |
| **Molecular Weight** | 39.292 |
| **OMIM** | phenotype 603400 |
| **3D Structure** | ModBase 3D Structure for O95389 |
| **Immunogen** | Synthetic peptide selected from the center region of human WISP3 (KLH). |
| **Conjugate** | PE |
| **Note** | Preservative Free |
| **Special Handling** | Light sensitive |
| **Product Categories/Family for anti-WISP3 antibody** | Antibodies; Wnt Proteins |
| **Applications Tested/Suitable for anti-WISP3 antibody** | Immunohistochemistry (IHC), FLISA, Western Blot (WB) |
| **Application Notes for anti-WISP3 antibody** | IHC: 1:50-1:100<br>FLISA: 1:1,000<br>WB: 1:50-1:200<br>Applications are based on unconjugated antibody. |
| **Related Product Information for anti-WISP3 antibody** | MBS6506047 is an antibody targeting WISP3. Also known as WISP3, ID (WNT1-inducible-signaling Pathway Protein 3, WISP-3, CCN Family Member 6, CCN6, UNQ462/PRO790/PRO956) (PE). Reactive in Human. Host: Rabbit. |
| **Product References and Citations for anti-WISP3 antibody** | 1. Clark, H.F., et al., Genome Res. 13(10):2265-2270 (2003). 2. Tanaka, S., et al., Gastroenterology 123(1):392-393 (2002). 3. Kleer, C.G., et al., Oncogene 21(20):3172-3180 (2002). 4. Hurvitz, J.R., et al., Nat. Genet. 23(1):94-98 (1999). 5. Pennica, D., et al., Proc. Natl. Acad. Sci. USA 95(25):14717-14722 (1998). |

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| **Other Notes** | Small volumes of anti-WISP3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |




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




**Immunohistochemistry (IHC) of anti-WISP3 antibody**
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.

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for WISP3. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 4507925 |
| **NCBI Accession #** | NP_003871 |
| **UniProt Primary Accession #** | O95389 |
| **GenBank Nucleotide #** | NP_003871.1 |
| **NCBI Official Full Name** | cellular communication network factor 6 isoform 1 |
| **UniProt Protein Name** | WNT1-inducible-signaling pathway protein 3 |
| **UniProt Synonym Protein Names** | CCN family member 6 |
| **Protein Family** | WNT1-inducible-signaling pathway protein |
| **UniProt Gene Name** | WISP3 |
| **UniProt Synonym Gene Names** | CCN6; WISP-3 |
| **UniProt Entry Name** | WISP3_HUMAN |

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| **UniProt Comments for WISP3** | WISP3: Appears to be required for normal postnatal skeletal growth and cartilage homeostasis. Defects in WISP3 are the cause of progressive pseudorheumatoid arthropathy of childhood (PPAC). PPAC is an autosomal recessive disorder characterized by stiffness and swelling of joints, motor weakness and joint contractures. Signs and symptoms of the disease develop typically between three and eight years of age. This progressive disease is a primary disorder of articular cartilage with continued cartilage loss and destructive bone changes with aging. Belongs to the CCN family. 2 isoforms of the human protein are produced by alternative splicing.<br><br>Protein type: Secreted, signal peptide; Secreted; Cell cycle regulation<br><br>Chromosomal Location of Human Ortholog: 6q21<br><br>Cellular Component: proteinaceous extracellular matrix; extracellular space<br><br>Molecular Function: integrin binding; heparin binding; insulin-like growth factor binding; growth factor activity<br><br>Biological Process: cell-cell signaling; regulation of cell growth; signal transduction; cell adhesion<br><br>Disease: Arthropathy, Progressive Pseudorheumatoid, Of Childhood |
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