

# WISP3 Antibody Biotin Conjugated

Catalog No: #C01955B

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## Description

Product Name	WISP3 Antibody Biotin Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human WISP3
Conjugates	Biotin
Target Name	WISP3
Other Names	CCN 6; CCN family member 6; CCN6; CYR61; LIBC; Lost in inflammatory breast cancer tumor suppressor protein; MGC125987; MGC125988; MGC125989; OTTHUMP0000040421; PPAC; PPD; UNQ462 PRO790 PRO956; WISP 3; WISP-3; WISP3; WISP3_HUMAN; WNT 1 inducible signaling pathway protein 3; Wnt 1 signaling pathway p
Accession No.	NCBI Gene ID8838
Concentration	1mg ml
Formulation	10mM Tris Buffered Saline containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Storage	Store at 4C for 12 months.

## Application Details

Western blotting: 1:100-1000 Immunohistochemistry: 1:100-500

## Background

Wnt-induced secreted protein (WISP)-1, WISP-2 and WISP-3 are members of the CCN family of growth factors, which include connective tissue growth factor (CTGF) and Cyr61. WISP-1, WISP-2 and WISP-3 share significant sequence similarity, including four conserved cysteine-rich domains, and they are believed to function as dimers in their active forms. WISP-1 expression is observed in various tissues including adult heart, kidney and spleen, while WISP-2 expression predominates in skeletal muscle, colon and ovary. Both WISP-1 and WISP-2 are upregulated in cells transformed with the proto-oncogene Wnt-1, and they are also more highly expressed in human colon tumors, suggesting that these proteins may participate in tumor development. WISP-3 is involved in normal post-natal skeletal growth, and it is also implicated in the development of the autosomal recessive skeletal disorder progressive pseudorheumatoid dysplasia, which affects cartilage homeostasis by disrupting the growth of chondrocyte and normal cell columnar organization.

**Note:** This product is for in vitro research use only and is not intended for use in humans or animals.