

Rabbit anti-Human WISP2 Polyclonal Antibody | anti-WISP2 antibody

WISP2 Antibody (Center)

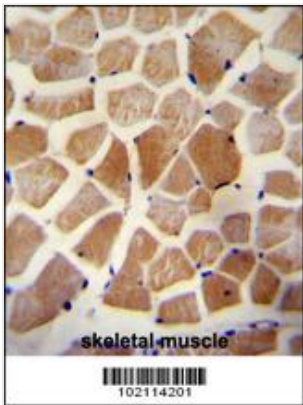
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287418	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

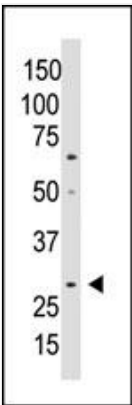
WISP2; Polyclonal Antibody; WISP2 Antibody (Center); WNT1-inducible-signaling pathway protein 2; WISP-2; CCN family member 5; Connective tissue growth factor-like protein; CTGF-L; Connective tissue growth factor-related protein 58; CCN5; CT58; CTGFL; anti-WISP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This WISP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 87-116 amino acids from the Central region of human WISP2.
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.
Sequence Positions	87-116
Sequence Length	218
Applicable Applications for anti-WISP2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	Human
Function	May play an important role in modulating bone turnover. Promotes the adhesion of osteoblast cells and inhibits the binding of fibrinogen to integrin receptors. In addition, inhibits osteocalcin production.
Cellular Location	Secreted.
Tissue Location	Expressed in primary osteoblasts, fibroblasts, ovary, testes, and heart
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
WISP2 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of WISP2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of anti-WISP2 Antibody (Center) in A549 cell lysate. Wisp2 (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-WISP2 antibody	Wisp2 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 (CT) domain. Wisp2 lacks the CT domain which is implicated in dimerization and heparin binding. It is 72% identical to the mouse protein at the amino acid level. This gene may be downstream in the WNT1 signaling pathway that is relevant to malignant transformation. Its expression in colon tumors is reduced while the other two WISP members are overexpressed in colon tumors. It is expressed at high levels in bone tissue, and may play an important role in modulating bone turnover.
Product Categories/Family for anti-WISP2 antibody	Cancer; Cardiovascular; Signal transduction
References	Clark, H.F., et al., Genome Res. 13(10):2265-2270 (2003). Banerjee, S., et al., Neoplasia 5(1):63-73 (2003). Kumar, S., et al., J. Biol. Chem. 274(24):17123-17131 (1999). Pennica, D., et al., Proc. Natl. Acad. Sci. U.S.A. 95(25):14717-14722 (1998). Saxena, N., et al., Mol. Cell. Biochem. 228 (1-2), 99-104 (2001).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507923
NCBI GeneID	8839
NCBI Accession #	NP_003872.1
NCBI GenBank Nucleotide #	NM_003881.2
UniProt Accession #	O76076; Q6PEG3; B2R9N4; E1P612
NCBI Official Full Name	WNT1-inducible-signaling pathway protein 2
NCBI Official Synonym Full Names	WNT1 inducible signaling pathway protein 2
NCBI Official Symbol	WISP2
NCBI Official Synonym Symbols	CCN5; CT58; CTGF-L
NCBI Protein Information	WNT1-inducible-signaling pathway protein 2
UniProt Protein Name	WNT1-inducible-signaling pathway protein 2
UniProt Gene Name	WISP2

UniProt Synonym Gene Names	CCN5; CT58; CTGFL; WISP-2; CTGF-L
UniProt Entry Name	WISP2_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://www.aaabiotech.com/polyclonal/wisp2-antibody-immunohistochemistry-western-blot-elisa/287418>