Datasheet for ABIN1695534

anti-WISP3 antibody (AA 221-320) (AbBy Fluor® 488)

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Overview

Quantity:	100 µL
Target:	WISP3
Binding Specificity:	AA 221-320
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WISP3 antibody is conjugated to AbBy Fluor® 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human WISP3
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Sheep,Horse,Rabbit,Monkey
Purification:	Purified by Protein A.

Target Details

Target:	WISP3
Alternative Name:	WISP3 (WISP3 Products)

Target Details

Background:	Synonyms: CCN 6, CCN family member 6, CCN6, CYR61, LIBC, Lost in inflammatory breast cancer tumor suppressor protein, MGC125987, MGC125988, MGC125989, OTTHUMP00000040421, PPAC, PPD, UNQ462/PRO790/PRO956, WISP 3, WISP-3, WISP3, WISP3_HUMAN, WNT 1 inducible signaling pathway protein 3, Wnt 1 signaling pathway protein 3, WNT1 inducible signaling pathway protein 3, WNT1 inducible signaling pathway protein 3 precursor, WNT1-inducible-signaling pathway protein 3. 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.
Gene ID:	8838
Pathways:	WNT Signaling, Growth Factor Binding

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

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