WISP2

E974456

Antibody type:	Polyclonal Antibody
Applications:	WB IHC
Reactivity:	Human Mouse Rat
Molecular Weight:	27kDa
Immunogen:	Recombinant protein of human WISP2
Gene ID:	8839
Swiss-Prot No.:	O76076
Alternname:	CCN5;CT58;CTGF-L
Source:	Rabbit
Isotype:	IgG
Purification:	Affinity purification
Storage/Stability:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
	This gene encodes 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

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Background:	domain and C-terminal cystine knot-like (CT) domain. The encoded protein 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.
Dilution:	WB 1:500 - 1:2000 IHC 1:50 - 1:200
Shipping&Stablity:	Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.