

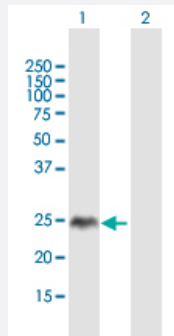
MaxPab®

WISP2 MaxPab mouse polyclonal antibody (B01)

Catalog # H00008839-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of WISP2 expression in transfected 293T cell line ([H00008839-T01](#)) by WISP2 MaxPab polyclonal antibody.

Lane 1: WISP2 transfected lysate(27.5 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human WISP2 protein.
Immunogen	WISP2 (NP_003872.1, 1 a.a. ~ 250 a.a) full-length human protein.
Sequence	MRGTPKTHLLAFSLCLLSKVRTQLCPTPCTCPWPPPRCPLGVPLVLDGCGCCRVCCARRLGEP CDQLHVCDAQQGLVCQPGAGPGGRGALCLLAEDDSSCEVNGRLYREGETFQPHCSIRCRCD GGFTCVPLCSEDVRLPSWDCPHPRRVEVLGKCCPEWVCGQGGGLGTQPLPAQGPQFSGLV SLPPGVPCPEWSTAWGPCSTTCGLGMATRVSNQNRFCRLETQRRCLSRPCPPSRGRSPQNS AF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (72); Rat (70)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Note For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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[Protocol Download](#)

Gene Info — WISP2

Entrez GeneID [8839](#)

GeneBank Accession# [NM_003881.2](#)

Protein Accession# [NP_003872.1](#)

Gene Name WISP2

Gene Alias CCN5, CT58, CTGF-L

Gene Description WNT1 inducible signaling pathway protein 2

Omim ID [603399](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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 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. [provided by RefSeq]

Other Designations

OTTHUMP00000031770|OTTHUMP00000063227|connective tissue growth factor-like protein|wnt-1 signaling pathway protein 2