

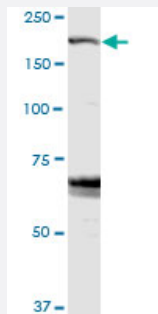
MaxPab®

ZFYVE9 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00009372-D01

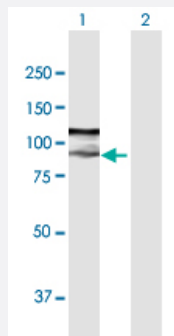
Size 100 uL

Applications



Western Blot (Cell lysate)

ZFYVE9 MaxPab rabbit polyclonal antibody. Western Blot analysis of ZFYVE9 expression in HeLa.

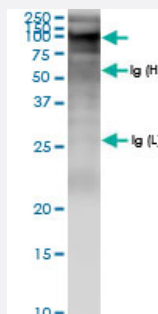


Western Blot (Transfected lysate)

Western Blot analysis of ZFYVE9 expression in transfected 293T cell line ([H00009372-T02](#)) by ZFYVE9 MaxPab polyclonal antibody.

Lane 1: ZFYVE9 transfected lysate(83.70 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of ZFYVE9 transfected lysate using anti-ZFYVE9 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with ZFYVE9 MaxPab rabbit polyclonal antibody (D01) ([H00009372-D01](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human ZFYVE9 protein.

Immunogen	ZFYVE9 (NP_015562.1, 1 a.a. ~ 762 a.a) full-length human protein.
Sequence	MENYFQAEAYNLDKVLDEFEQNEDETVSSTLLDTKWNKILDPPSHRLSFNPTLASVNESAVSNES QPQLKVFSLAHSAPLTTEEDHCANGQDCNLNPEIATMWIDENAVAEDQLIKRNYSWDDQCSAV EVGEKKCGNLACLPDEKNVLVVAVMHNC DKRTLQNDLQDCNNYNSQSLMDAFSCSLDNENRQ TDQFSFSINESTEKDMNSEKQMDPLNRPKTEGRSVNHLCP TSSDSLASCSPSQLKDDGSIGRD PSMSAITSLTVDSVISSQGT DGCPAVKKQENYIPDEDLTGKISSPRTDLGSPNSFSHMSEGILMKK EPAEESTTEESLRSGPLLLLKPDMPNGSGRNDCERCSDCLVPNEVRADENEGYEHEETLGTTE FLNMTEHFSESQDMTNWKLTKLNEMNDSQVN EEKEKFLQISQPEDTNGDSGGQCVGLADAGLD LKGTCISESEECDFSTVIDTPAANYLSNGCDSYGMQDPGVSFVPKTLPSKEDSVTEEKEIEESKS ECYSNIYEQRGNEATEGSGLLLNSTGDLMKKNYLHNFC SQVPSVLGQSSPKVVASLPSISVPFGG ARPKQPSNLKLQIPKPLSDHLQNDFPANSGNNTKNKNDILGKAKLGENSATNV CSPSLGNISNVD TNGEHLESYEA EISTRPCLALAPDSPDNDLRAGQFGISARKPFTTLGEVAPVWVPDSQAPNCMK CEARFTFTKRRHHCACGKVF CASCCSLKCKLLYMDRKEARVCVICHSVLMNGKY
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (75)
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.

Applications

- Western Blot (Cell lysate)

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[Protocol Download](#)

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- Immunoprecipitation

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[Protocol Download](#)

Gene Info — ZFYVE9

Entrez GeneID [9372](#)

GeneBank Accession# [NM_007323](#)

Protein Accession# [NP_015562.1](#)

Gene Name ZFYVE9

Gene Alias MADHIP, NSP, SARA, SMADIP

Gene Description zinc finger, FYVE domain containing 9

Omim ID [603755](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a double zinc finger (FYVE domain) protein that interacts directly with SMAD2 and SMAD3, and is involved in Alzheimer's disease. SMAD proteins transmit signals from transmembrane serine/threonine kinase receptors to the nucleus. The FYVE domain has been identified in a number of unrelated signaling molecules. This protein functions to recruit SMAD2 to the transforming growth factor-beta receptor. The FYVE domain is required to maintain the normal localization of this protein but is not involved in mediating interaction with SMADs. The C-terminal domain of this protein interacts with the TGFB receptor. This protein is a component of the TGFB pathway that brings the SMAD substrate to the receptor. Three alternatively spliced transcripts encoding distinct isoforms have been found for this gene. [provided by RefSeq]

Other Designations MAD homolog interacting protein|MAD, mothers against decapentaplegic homolog interacting protein, receptor activation anchor|MADH-interacting protein|OTTHUMP00000009739|OTTHUMP00000009740|OTTHUMP00000009741|mothers against decapentaplegic homolog interact

Pathway

- [TGF-beta signaling pathway](#)