

DNAxPAb

Hard-to-Find
Antibody

ZFYVE9 DNAxPab

Catalog # H00009372-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ZFYVE9 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MENYFQAEAYNLDKVLDEFEQNEDETVSSTLLDTKWNKILDPPSHRLSFNPTLASVNESAVSNES QPQLKVFSLAHSAPLTTEEDHCANGQDCNLNPEIATMWIDENAVAEDQLIKRNYSWDDQCSAV EVGEKKCGNLACLPDEKNVLVVAVMHNC DKRTLQNDLQDCNNYNSQSLMDAFSCSLDNENRQ TDQFSFSINESTE KDMNSEKQMDPLNRPKTEGRSVNHL CPTSSDSLASCSPSQLKDDGSIGRD PSMSAITSLTVDSVISSQGTGCPAVKKQENYIPDEDLTGKISSPRTDLGSPNSFSHMSEGILMKK EPAEESTTEESLRSGPLLLKPDMPNGSGRNDCERCSDCLVPNEVRADENEGYEHEETLTGTE FLNMTEHFSESQDMTNWKLTKLNEMNDSQVNEEKEKFLQISQPEDTNGDSGGQCVGLADAGLD LKGTCISESEECDFSTVIDTPAANYLSNGCDSYGMQDPGVSFVPKTLPSKEDSVTEEKEIEESKS ECYSNIYEQRGNEATEGSGLLLNSTGDLMKKNYLHNFCSQVPSVLGQSSPKVVASLPSISVPFGG ARPKQPSNLKLQIPKPLSDHLQNDFPANSNNNTKNKNDILGKAKLGENSATNVCSPSLGNISNVD TNGEHLESYEA EISTRPCLALAPDSPDNDLRAGQFGISARKPFTTLGEVAPVWVPDSQAPNCMK CEARFTFTKRRHHCRACGKVFCASCCSLKCKLLYMDRKEARVCVICHSVLMNGKY
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — ZFYVE9

Entrez GeneID [9372](#)

GeneBank Accession# [NM_007323.1](#)

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](#)