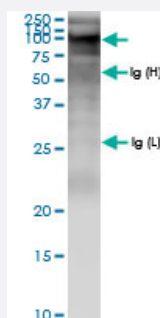


ZFYVE9 (Human) IP-WB Antibody Pair

Catalog # H00009372-PW1

Size 1 Set

Applications



Immunoprecipitation of ZFYVE9 transfected lysate using rabbit polyclonal anti-ZFYVE9 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-ZFYVE9.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (75)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of ZFYVE9 transfected lysate using rabbit polyclonal anti-ZFYVE9 and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-ZFYVE9.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-ZFYVE9 (300 ul) 2. Antibody pair for WB: rabbit polyclonal anti-ZFYVE9 (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — ZFYVE9

Entrez GeneID [9372](#)

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](#)