

Rabbit anti-Human, mouse FZD9 Polyclonal Antibody | anti-FZD9 antibody

FZD9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290231	Rabbit	Human, mouse	Immunofluorescence, ELISA, Western Blot

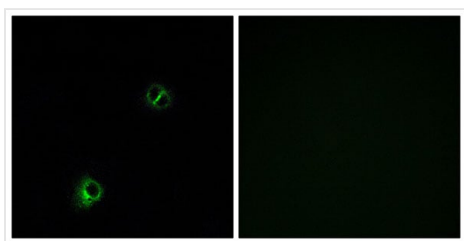
PRODUCT SYNONYMS

FZD9; Polyclonal Antibody; FZD9 Antibody; Frizzled-9; Fz-9; hFz9; FzE6; CD349; FZD3; anti-FZD9 antibody

PRODUCT SPECIFICATIONS

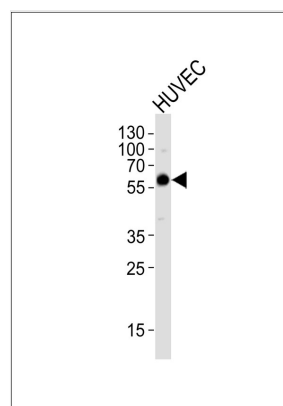
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Purity/Purification	Affinity-Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Positions	565-591
Sequence Length	591
Applicable Applications for anti-FZD9 antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells, using FZD9 antibody. The negative control is treated with the synthesized peptide.



WB (Western Blot)

Western blot analysis of lysate from HUVEC cell line, using FZD9 Antibody (G114). G114 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg.

ADDITIONAL INFORMATION

Related Product Information for anti-FZD9 antibody	Receptor for Wnt proteins. Most of frizzled receptors are coupled to the beta-catenin canonical signaling pathway, which leads to the activation of disheveled proteins, inhibition of GSK- 3 kinase, nuclear accumulation of beta-catenin and activation of Wnt target genes. A second signaling pathway involving PKC and calcium fluxes has been seen for some family members, but it is not yet clear if it represents a distinct pathway or if it can be integrated in the canonical pathway, as PKC seems to be required for Wnt-mediated inactivation of GSK-3 kinase. Both pathways seem to involve interactions with G-proteins. May be involved in transduction and intercellular transmission of polarity information during tissue morphogenesis and/or in differentiated tissues.
Product Categories/Family for anti-FZD9 antibody	Neuroscience; Signal Transduction
References	Wang Y.-K.,et al.Hum. Mol. Genet. 6:465-472(1997). Hillier L.W.,et al.Nature 424:157-164(2003). Tanaka S.,et al.Proc. Natl. Acad. Sci. U.S.A. 95:10164-10169(1998).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503835
NCBI GeneID	8326
NCBI Accession #	NP_003499.1
NCBI GenBank Nucleotide #	NM_003508.2
UniProt Accession #	O00144
Molecular Weight	64466
NCBI Official Full Name	frizzled-9
NCBI Official Synonym Full Names	frizzled class receptor 9
NCBI Official Symbol	FZD9
NCBI Official Synonym Symbols	FZD3; CD349
NCBI Protein Information	frizzled-9
UniProt Protein Name	Frizzled-9
UniProt Gene Name	FZD9
UniProt Synonym Gene Names	FZD3; Fz-9; hFz9
UniProt Entry Name	FZD9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fzd9-antibody-immunofluorescence-western-blot-elisa/290231>