

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

FZD9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232493	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

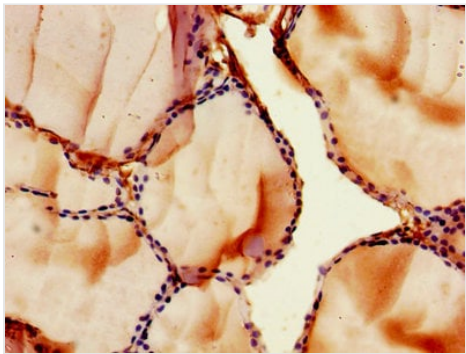
PRODUCT SYNONYMS

FZD9; Polyclonal Antibody; FZD9 Antibody; Frizzled-9; Fz-9; hFz9; FzE6; CD349; FZD3; (CD Antigen CD349); anti-FZD9 antibody

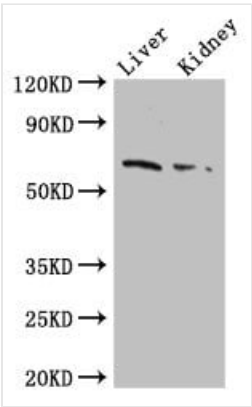
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Applicable Applications for anti-FZD9 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Frizzled-9 protein (23-229AA)
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Species	Homo sapiens (Human)
Research Area	Neuroscience
Target Names	FZD9
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
IHC image of AAA232493 diluted at 1:500 and staining in paraffin-embedded human thyroid tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)
Western BlotPositive WB detected in:Mouse liver tissue,Mouse kidney tissueAll lanes: FZD9 antibody at 2.5ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 65 kDaObserved band size: 65 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-FZD9 antibody

Receptor for Wnt proteins. Most of frizzled receptors are coupled to the betacatenin 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503835
NCBI GeneID	8326
NCBI Accession #	NP_003499.1
NCBI GenBank Nucleotide #	NM_003508.2
UniProt Accession #	O00144
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.

