

Rabbit FZD9 Polyclonal Antibody | anti-FZD9 antibody

FZD9 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198851	Rabbit	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

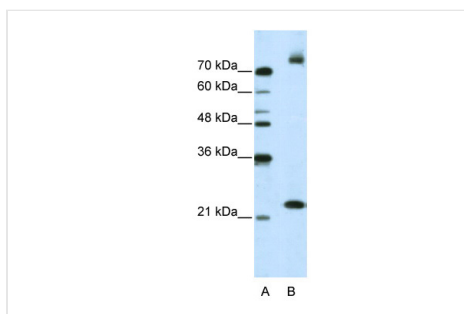
PRODUCT SYNONYMS

FZD9; Polyclonal Antibody; FZD9 antibody - N-terminal region; anti-FZD9 antibody

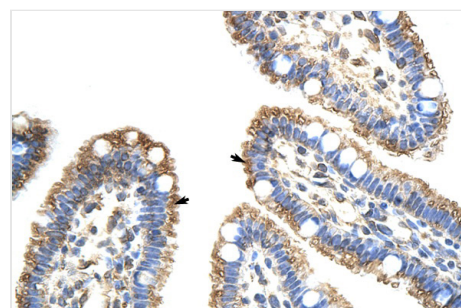
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: RP PGDLGPGAGG SGTCTENPEKF QYVEKSRSCA PRCGPGVEVF WSRDKDF
Sequence Length	591
Applicable Applications for anti-FZD9 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 93%; Rabbit: 92%; Rat: 93%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human FZD9
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-FZD9 Antibody Titration: 2.5ug/ml Positive Control: Jurkat cell lysate


IHC (Immunohistochemistry)

Rabbit Anti-FZD9 Antibody Paraffin Embedded Tissue: Human Intestine Cellular Data: Epithelial cells of intestinal villi Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-FZD9 antibody	This is a rabbit polyclonal antibody against FZD9. It was validated on Western Blot and immunohistochemistry Target Description: FZD9 contains 1 FZ (frizzled) domain and belongs to the G-protein coupled receptor Fz/Smo family. It is 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. It may be involved in transduction and intercellular transmission of polarity information during tissue morphogenesis and/or in differentiated tissues. Members of the 'frizzled' gene family encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The FZD9 gene is located within the Williams syndrome common deletion region of chromosome 7, and heterozygous deletion of the FZD9 gene may contribute to the Williams syndrome phenotype. FZD9 is expressed predominantly in brain, testis, eye, skeletal muscle, and kidney.
Product Categories/Family for anti-FZD9 antibody	Polyclonal; Neurobiology; Signal Proteins; Chromatin & Nuclear Signaling; Signal Transduction; Membrane & Traffic; Immunohistochemistry; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503835
NCBI GeneID	8326
NCBI Accession #	NP_003499
NCBI GenBank Nucleotide #	NM_003508
UniProt Accession #	O00144
Molecular Weight	65kDa
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.