

anti-Human Frizzled homolog 1 Polyclonal Antibody | anti-FZD1 antibody

Anti-Frizzled homolog 1 Antibody

CATALOG # AAA46457	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Frizzled homolog 1; Polyclonal Antibody; Anti-Frizzled homolog 1 Antibody; Frizzled-1; Chfz-1; Dfrizzled-1; DKFZp564G072; FLJ95923; Frizzled 1; Frizzled homolog 1 (Drosophila); Fz receptor 1; Fz-1; Fz1; FZD1; FZD1_HUMAN; FzE1; hFz1; Rfz1; Wnt receptor; Xfrizzled-1; frizzled class receptor 1; anti-FZD1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	647
Applicable Applications for anti-FZD1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Frizzled homolog 1 (369-400aa YIAGFLLDRVVCNDKFAEDGARTVAQG TKKE), identical to the related mouse and rat sequences.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti- Frizzled homolog 1 Picoband antibody, AAA46457, IHC(P)IHC(P): Human Prostatic Cancer Tissue



WB (Western Blot)

Anti- Frizzled homolog 1 Picoband antibody, AAA46457, Western blottingAll lanes: Anti Frizzled homolog 1 (AAA46457) at 0.5ug/mlLane 1: 22RV1 Whole Cell Lysate at 40ugLane 2: 293T Whole Cell Lysate at 40ugPredicted bind size: 71KDObserved bind size: 71 KD

ADDITIONAL INFORMATION

Related Product Information for anti-FZD1 antibody	Description: Rabbit IgG polyclonal antibody for Frizzled-1(FZD1) detection. Tested with WB, IHC-P in Human. Background: Frizzled-1 (Frizzled homolog 1) is a protein that in humans is encoded by the FZD1 gene. Members of the 'frizzled' gene family encode 7-transmembrane domain proteins that are receptors for Wnt signalingproteins. The FZD1 protein contains a signal peptide, a cysteine-rich domain in the N-terminal extracellular region, 7 transmembrane domains, and a C-terminal PDZ domain-binding motif. The FZD1 transcript is expressed in various tissues.
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References	1. "Entrez Gene: FZD1 frizzled homolog 1 (Drosophila)". 2. Gazit A, Yaniv A, Bafico A, Pramila T, Igarashi M, Kitajewski J, Aaronson SA (Oct 1999). "Human frizzled 1 interacts with transforming Wnts to transduce a TCF dependent transcriptional response". Oncogene 18(44): 5959-66. 3. Sagara N, Toda G, Hirai M, Terada M, Katoh M (Nov 1998). "Molecular cloning, differential expression, and chromosomal localization of human frizzled-1, frizzled-2, and frizzled-7". Biochemical and Biophysical Research Communications 252 (1): 117-22.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503825
NCBI GeneID	8321
NCBI Accession #	NP_003496.1
NCBI GenBank Nucleotide #	NM_003505.1
UniProt Accession #	Q9UP38; O94815; Q549T8; A4D1E8
Molecular Weight	71,158 Da
NCBI Official Full Name	frizzled-1
NCBI Official Synonym Full Names	frizzled class receptor 1
NCBI Official Symbol	FZD1
NCBI Protein Information	frizzled-1
UniProt Protein Name	Frizzled-1
UniProt Gene Name	FZD1
UniProt Synonym Gene Names	Fz-1; hFz1
UniProt Entry Name	FZD1_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.