

Rabbit FZD1 Polyclonal Antibody | anti-FZD1 antibody

FZD1 Antibody (Center)

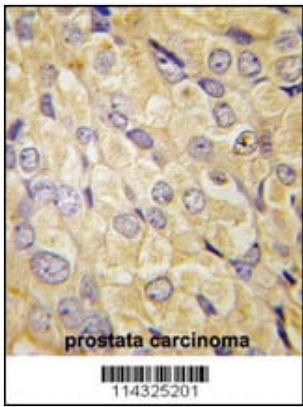
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287548	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Immunohistochemistry, Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

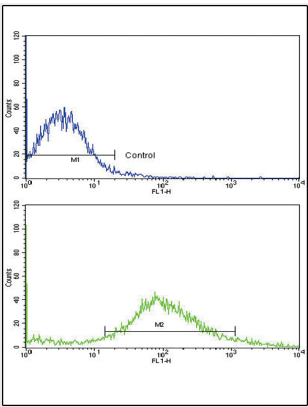
FZD1; Polyclonal Antibody; FZD1 Antibody (Center); Frizzled-1; Fz-1; hFz1; FzE1; anti-FZD1 antibody

PRODUCT SPECIFICATIONS

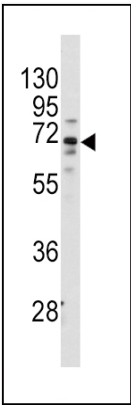
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FZD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 367-396 amino acids from the Central region of human FZD1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	367-396
Sequence Length	647
Applicable Applications for anti-FZD1 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human prostate carcinoma tissue reacted with FZD1 antibody (Center) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of NCI-H292 cells using FZD1 Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of anti-FZD1 Antibody (center) in HeLa cell line lysates (35ug/lane).FZD1(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-FZD1 antibody	Members of the 'frizzled' family are 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. 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.
Product Categories/Family for anti-FZD1 antibody	Cancer; Signal Transduction; Loading Control
References	Quelard,D., (er) PLoS ONE 3 (4), E1878 (2008) Hardie,W.D.,Am. J. Respir. Cell Mol. Biol. 37 (3), 309-321 (2007) Yang,L., J. Dermatol. Sci. 42 (2), 111-119 (2006)

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	71158
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fzd1-antibody-immunohistochemistry-flow-cytometry-western-blot-elisa/287548>