

Rabbit FZD10 Polyclonal Antibody | anti-FZD10 antibody

FZD10 Antibody

CATALOG # AAA325499	HOST Rabbit	REACTIVITY Human, Mouse, Monkey	APPLICATIONS ELISA, Immunocytochemistry, Immunofluorescence, Western Blot
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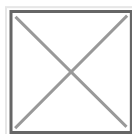
PRODUCT SYNONYMS

FZD10; Polyclonal Antibody; FZD10 Antibody; CD 350; CD 350 antigen; CD350; Frizzled (Drosophila) homolog 10; Frizzled-10; FZ 10; Fz-10; FZ10; FZD 10; FZD10_HUMAN; FzE 7; FzE7; hFz 10; hFz10; anti-FZD10 antibody

PRODUCT SPECIFICATIONS

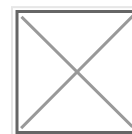
Host	Rabbit
Reactivity	Human, Mouse, Monkey
Clonality	Polyclonal
Isotype	IgG
Specificity	FZD10 antibody detects endogenous levels of total FZD10
Purity/Purification	Peptide affinity purified
Form/Format	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-FZD10 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human FZD10, corresponding to a region within the internal amino acids.
Important	For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from COS-7 cells, using FZD10 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA325499 staining COS7 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-FZD10 antibody	Function: Receptor for Wnt proteins. Functions in the canonical Wnt/beta-catenin signaling pathway (By similarity). The canonical Wnt/beta-catenin signaling pathway 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 (Probable). Similarity: Lys-Thr-X-X-X-Trp motif interacts with the PDZ domain of Dvl (Disheveled) family members and is involved in the activation of the Wnt/beta-catenin signaling pathway. The FZ domain is involved in binding with Wnt ligands. Belongs to the G-protein coupled receptor Fz/Smo family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6005762
NCBI GeneID	11211
NCBI Accession #	NP_009128.1
NCBI GenBank Nucleotide #	NM_007197.3
UniProt Accession #	Q9ULW2
Molecular Weight	60 kD
NCBI Official Full Name	frizzled-10
NCBI Official Synonym Full Names	frizzled class receptor 10
NCBI Official Symbol	FZD10
NCBI Official Synonym Symbols	Fz10; FzE7; CD350; FZ-10; hFz10
NCBI Protein Information	frizzled-10
UniProt Protein Name	Frizzled-10
UniProt Gene Name	FZD10
UniProt Synonym Gene Names	Fz-10; hFz10

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/fzd10-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325499>