

Rabbit FSD2 / Frizzled 2 Polyclonal Antibody | anti-FZD2 antibody

Rabbit Polyclonal to Human FSD2 / Frizzled 2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51554	Rabbit	Bovine, Dog, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat	Immunohistochemistry

PRODUCT SYNONYMS

FSD2 / Frizzled 2; Polyclonal Antibody; Rabbit Polyclonal to Human FSD2 / Frizzled 2; Anti-FSD2 / Frizzled 2 Antibody (N-Terminus) IHC-plus; Dfrizzled2; Fz2; Frizzled family receptor 2; Frizzled-2; HFz2; Frizzled homolog 2; Fz-2; FzE2; Mfz10; Rfz2; Frizzled 2; Human FSD2; anti-FZD2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bovine, Dog, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Specificity	Human Frizzled 2. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except FZD7 (60%), DMAP1 (40%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	565
Applicable Applications for anti-FZD2 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 20 amino acid peptide from N-terminal extracellular domain of human Frizzled 2.
Immunogen Type	Synthetic peptide
Immunogen	FSD2 / Frizzled 2 antibody was raised against synthetic 20 amino acid peptide from N-terminal extracellular domain of human Frizzled 2. Percent identity with other species by BLAST analysis: Human, Gorilla, Monkey, Mouse, Rat, Hamster, Elephant, Panda, Dog, Bovine, Horse, Rabbit, Pig, Platypus (100%); Opossum (95%); Turkey, Lizard, Newt (80%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)

Anti-FSD2 / Frizzled 2 antibody IHC of human Brain, Glioblastoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)

Anti-Frizzled 2 antibody IHC of human fetal kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

**IHC (Immunohistochemistry)**

Anti-FSD2 / Frizzled 2 antibody IHC of human Pancreas, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

**IHC (Immunohistochemistry)**

Anti-FSD2 / Frizzled 2 antibody IHC of human Ovary, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

**IHC (Immunohistochemistry)**

Anti-FSD2 / Frizzled 2 antibody IHC of human Breast, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-FZD2 antibody	FZD2 is a Frizzled Receptor that mediates Wnt signaling, which is required for proper axis development in the embryo. FZD2 is developmentally regulated. Studies of rat FZD2 indicate that the protein signals through a calcium-releasing pathway and that FZD2 expression modulates protein kinase C (PKC) localization and stimulates PKC activity in vitro. Increased levels of FZD2 mRNA have been observed in primary gastric cancer and in head and neck squamous carcinoma and gastric cancer cell lines.
Product Categories/Family for anti-FZD2 antibody	Family: GPCR; Subfamily: Frizzled

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503827
NCBI GeneID	2535
NCBI Accession #	NP_001457.1
NCBI GenBank Nucleotide #	NM_001466.3
UniProt Accession #	Q14332; Q0VG82
Molecular Weight	63,554 Da
NCBI Official Full Name	frizzled-2
NCBI Official Synonym Full Names	frizzled class receptor 2
NCBI Official Symbol	FZD2
NCBI Official Synonym Symbols	Fz2; fz-2; fzE2; hFz2
NCBI Protein Information	frizzled-2; frizzled homolog 2; frizzled family receptor 2; frizzled 2, seven transmembrane spanning receptor
UniProt Protein Name	Frizzled-2
UniProt Gene Name	FZD2
UniProt Synonym Gene Names	Fz-2; hFz2
UniProt Entry Name	FZD2_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.