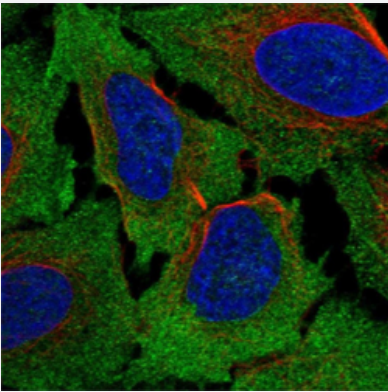


FZD4 polyclonal antibody

Catalog # PAB31108 Size 100 uL

Applications



Immunofluorescence

Immunofluorescent staining of U-2 OS cell line with antibody shows positivity in plasma membrane and cytosol (green).

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human FZD4.
Immunogen	Recombinant protein corresponding to human FZD4.
Sequence	PVLKEFGFAWPESLNCSKFPPQNDHNHMCMEGPGDEEVPLPHKTPIQPGEECHSVGTNSDQYI WVKRSLNCLVKCGYDAGLYRSA
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunofluorescence

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Gene Info — FZD4

Entrez GeneID[8322](#)**Protein Accession#**[Q9ULV1](#)**Gene Name**

FZD4

Gene Alias

CD344, EVR1, FEVR, FZD4S, Fz-4, FzE4, GPCR, MGC34390

Gene Description

frizzled homolog 4 (Drosophila)

Omim ID[133780 604579](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene is a member of the frizzled gene family. Members of this family encode seven-transmembrane domain proteins that are receptors for the Wingless type MMTV integration site family of signaling proteins. Most frizzled receptors are coupled to the beta-catenin canonical signaling pathway. This protein may play a role as a positive regulator of the Wingless type MMTV integration site signaling pathway. A transcript variant retaining intronic sequence and encoding a shorter isoform has been described, however, its expression is not supported by other experimental evidence. [provided by RefSeq]

Other Designations

WNT receptor frizzled-4|exudative vitreoretinopathy 1 (autosomal dominant; Criswick-Schepens syndrome)|frizzled 4

Pathway

- [Basal cell carcinoma](#)
- [Colorectal cancer](#)

- [Melanogenesis](#)
- [Pathways in cancer](#)
- [Wnt signaling pathway](#)

Disease

- [Birth Weight](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Eye Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Retinal Diseases](#)
- [Retinopathy of Prematurity](#)
- [Vitreoretinopathy](#)