

Product datasheet for **TA303333**

Frizzled 4 (FZD4) Goat Polyclonal Antibody

Product data:

| | |
|-----------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | ELISA: 1:16,000. WB: 0.3-1 µg/ml. |
| Reactivity: | Human (Expected from sequence similarity: Rat) |
| Host: | Goat |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Peptide with sequence DEEERRCDPIRIS, from the internal region of the protein sequence according to NP_036325.2. |
| Formulation: | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. |
| Concentration: | lot specific |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing. |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | frizzled class receptor 4 |
| Database Link: | NP_036325 Entrez Gene 64558 Rat Entrez Gene 8322 Human Q9ULV1 |



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Background:

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]

Synonyms:

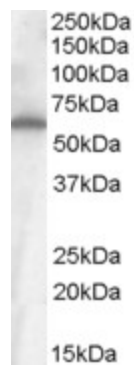
CD344; EVR1; FEVR; Fz-4; Fz4; FZD4S; FzE4; GPCR; hFz4

Protein Families:

Druggable Genome, GPCR, Transmembrane

Protein Pathways:

Basal cell carcinoma, Colorectal cancer, Melanogenesis, Pathways in cancer, Wnt signaling pathway

Product images:

TA303333 (1ug/ml) staining of Small Intestine (Ileum) cell lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.