

### Frizzled-10 Polyclonal Antibody

Catalog # AP69958

### **Specification**

# Frizzled-10 Polyclonal Antibody - Product Information

Application WB, IHC-P, IF Primary Accession Q9ULW2

Reactivity Human, Mouse, Monkey

Host Rabbit Clonality Polyclonal

# Frizzled-10 Polyclonal Antibody - Additional Information

**Gene ID** 11211

**Other Names** 

FZD10; Frizzled-10; Fz-10; hFz10; FzE7; CD antigen CD350

**Dilution** 

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence:

1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.

IHC-P~~N/A IF~~1:50~200

**Format** 

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions** 

-20°C

# Frizzled-10 Polyclonal Antibody - Protein Information

### Name FZD10

#### **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).

#### **Cellular Location**

Cell membrane; Multi-pass membrane protein



#### **Tissue Location**

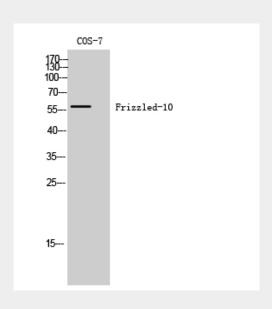
Highest levels in the placenta and fetal kidney, followed by fetal lung and brain. In adult brain, abundantly expressed in the cerebellum, followed by cerebral cortex, medulla and spinal cord; very low levels in total brain, frontal lobe, temporal lobe and putamen. Weak expression detected in adult brain, heart, lung, skeletal muscle, pancreas, spleen and prostate.

# Frizzled-10 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

### Frizzled-10 Polyclonal Antibody - Images



# Frizzled-10 Polyclonal Antibody - Background

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