

**FZD10 antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI11865****Specification**

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**FZD10 antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">O9ULW2</a>
Other Accession	<a href="#">NM_007197</a> , <a href="#">NP_009128</a>
Reactivity	Human, Mouse, Zebrafish, Pig, Horse, Bovine, Dog
Predicted Host	Human, Chicken, Horse, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 65kDa KDa

**FZD10 antibody - N-terminal region - Additional Information****Gene ID** 11211

Alias Symbol	FZ-10, FzE7, hFz10, Fz10, CD350
Other Names	
Frizzled-10, Fz-10, hFz10, FzE7, CD350, FZD10	

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-FZD10 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

FZD10 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**FZD10 antibody - N-terminal region - 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**

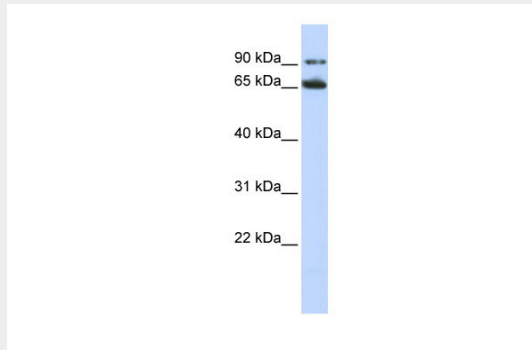
Highest levels in the placenta and fetal kidney, followed by fetal lung and brain. In adult brain, abundantly expressed in the cerebellum, followed by cerebral cortex, medulla and spinal cord; very low levels in total brain, frontal lobe, temporal lobe and putamen. Weak expression detected in adult brain,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

### **FZD10 antibody - N-terminal region - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **FZD10 antibody - N-terminal region - Images**



WB Suggested Anti-FZD10 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:62500

Positive Control: HepG2 cell lysate

### **FZD10 antibody - N-terminal region - References**

Omoto, S., (2004) Ophthalmic Genet. 25 (2), 81-90 Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. Publications: Gonzalez, P., Fernandez-Martos, C. M., Gonzalez-Fernandez, C., Arenas, E. & Rodriguez, F. J. Spatio-temporal expression pattern of frizzled receptors after contusive spinal cord injury in adult rats. PLoS One 7, e50793 (2012). WB, IHC, Bovine, Dog, Pig, H, Mouse, Human, Zebrafish 23251385