

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

FZD10 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9ULW2
Other Accession	NM_007197 , NP_009128
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

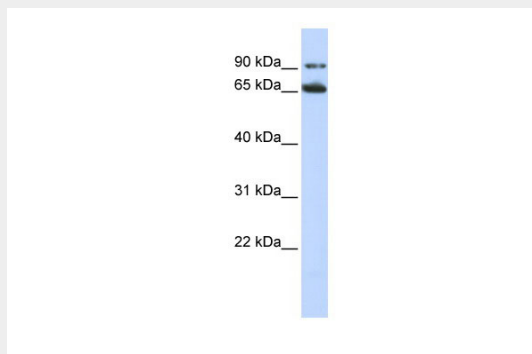
Highest levels in the placenta and fetal kidney, followed by fetal lung and brain. In adult brain, abundantly expressed in the cerebellum, followed by cerebral cortex, medulla and spinal cord; very low levels in total brain, frontal lobe, temporal lobe and putamen. Weak expression detected in adult brain,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