

# Anti-FZD6 / Frizzled 6 Antibody (aa116-165)

Rabbit Anti Human Polyclonal Antibody Catalog # ALS18370

### **Specification**

# Anti-FZD6 / Frizzled 6 Antibody (aa116-165) - Product Information

Application IHC-P, IF, E
Primary Accession O60353
Predicted Human
Host Rabbit
Clonality Polyclonal
Isotype IgG

### Anti-FZD6 / Frizzled 6 Antibody (aa116-165) - Additional Information

**Gene ID 8323** 

Calculated MW

Alias Symbol FZD6

**Other Names** 

FZD6, Frizzled family receptor 6, FZ-6, HFZ6, Frizzled 6, Frizzled-6, Frizzled homolog 6, FZ6, NDNC10

79292

### Target/Specificity

FZD6 Antibody detects endogenous levels of total FZD6 protein.

# **Reconstitution & Storage**

Immunoaffinity purified

### **Precautions**

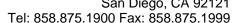
Anti-FZD6 / Frizzled 6 Antibody (aa116-165) is for research use only and not for use in diagnostic or therapeutic procedures.

# Anti-FZD6 / Frizzled 6 Antibody (aa116-165) - Protein Information

### Name FZD6

### **Function**

Receptor for Wnt proteins. Most of frizzled receptors are coupled to the beta-catenin canonical signaling pathway, which 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. Together with FZD3, is involved in the neural tube closure and plays a role in the regulation of the establishment of planar cell polarity (PCP), particularly in the orientation of asymmetric bundles of stereocilia on





the apical faces of a subset of auditory and vestibular sensory cells located in the inner ear (By similarity).

#### **Cellular Location**

Membrane {ECO:0000250|UniProtKB:Q61089}; Multi- pass membrane protein. Cell membrane {ECO:0000250|UniProtKB:Q61089}; Multi-pass membrane protein. Cell surface {ECO:0000250|UniProtKB:Q61089}. Apical cell membrane; Multi-pass membrane protein. Cytoplasmic vesicle membrane {ECO:0000250|UniProtKB:Q61089}; Multi-pass membrane protein. Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q61089}; Multi-pass membrane protein. Note=Colocalizes with FZD3 at the apical face of cells (By similarity). Localizes to the endoplasmic reticulum membrane in the presence of LMBR1L (By similarity). {ECO:0000250|UniProtKB:Q61089}

### **Tissue Location**

Detected in adult heart, brain, placenta, lung, liver, skeletal muscle, kidney, pancreas, thymus, prostate, testis, ovary, small intestine and colon. In the fetus, expressed in brain, lung, liver and kidney

## Anti-FZD6 / Frizzled 6 Antibody (aa116-165) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-FZD6 / Frizzled 6 Antibody (aa116-165) - Images