

**Frizzled 8 Antibody**  
Rabbit mAb  
Catalog # AP91974

## Specification

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### Frizzled 8 Antibody - Product Information

|                              |                        |
|------------------------------|------------------------|
| Application                  | WB, IHC                |
| Primary Accession            | <a href="#">O9H461</a> |
| Reactivity                   | Rat                    |
| Clonality                    | Monoclonal             |
| <b>Other Names</b>           |                        |
| Frizzled-8; FZ8; FZD8; hFz8; |                        |
| Isotype                      | Rabbit IgG             |
| Host                         | Rabbit                 |
| Calculated MW                | 73300 Da               |

### Frizzled 8 Antibody - Additional Information

|                              |  |
|------------------------------|--|
| Purification                 | Affinity-chromatography  |
| Immunogen                    | A synthesized peptide derived from human Frizzled 8  |
| Description                  | Receptor for Wnt proteins. Component of the Wnt-Fzd-LRP5-LRP6 complex that triggers beta-catenin signaling through inducing aggregation of receptor-ligand complexes into ribosome-sized signalosomes. |
| Storage Condition and Buffer | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.                      |

### Frizzled 8 Antibody - Protein Information

**Name** FZD8

#### Function

Receptor for Wnt proteins. Component of the Wnt-Fzd-LRP5-LRP6 complex that triggers beta-catenin signaling through inducing aggregation of receptor-ligand complexes into ribosome-sized signalosomes. The beta-catenin canonical 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. Coreceptor along with RYK of Wnt proteins, such as

WNT1.

#### Cellular Location

Membrane; Multi-pass membrane protein. Golgi apparatus. Cell membrane; Multi-pass membrane protein. Note=Colocalizes with GOPC at the Golgi apparatus.

#### Tissue Location

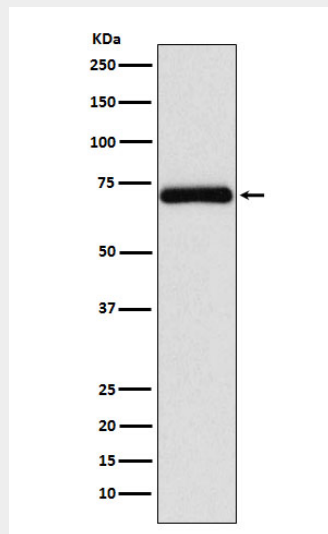
Most abundant in fetal kidney, followed by brain and lung. In adult tissues, expressed in kidney, heart, pancreas and skeletal muscle

### Frizzled 8 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 Cytometry](#)
- [Cell Culture](#)

### Frizzled 8 Antibody - Images



Western blot analysis of Frizzled 8 expression in Jurkat cell lysate.