

**Frizzled 8 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP55094**

**Specification**

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**Frizzled 8 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">O9H461</a>
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	73300

**Frizzled 8 Polyclonal Antibody - Additional Information**

**Gene ID** 8325

**Other Names**

Frizzled-8, Fz-8, hFz8, FZD8

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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

**Frizzled 8 Polyclonal Antibody - Images**