Product Datasheet

Frizzled 8 Rabbit mAb

Catalog No: #49849

Package Size: #49849-1 50ul #49849-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

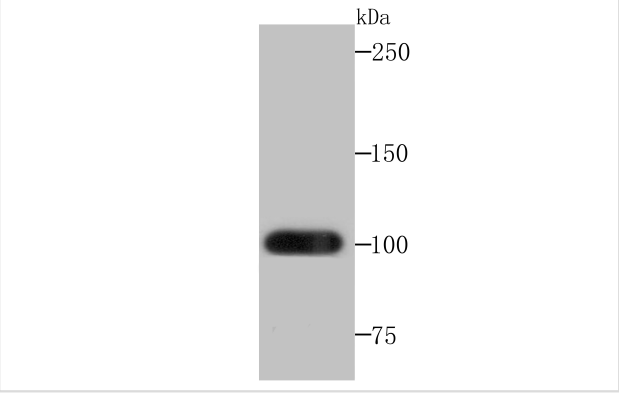
Description

Product Name	Frizzled 8 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JB40-16
Purification	ProA affinity purified
Applications	WB,IHC
Species Reactivity	Hu, Ms
Immunogen Description	Recombinant protein
Other Names	Frizzled 8 seven transmembrane spanning receptor antibody frizzled 8, seven transmembrane spanning receptor antibody Frizzled family receptor 8 antibody frizzled homolog 8 (Drosophila) antibody Frizzled homolog 8 antibody Frizzled-8 antibody FZ 8 antibody Fz-8 antibody FZ8 antibody FZD 8 antibody FZD8 antibody FZD8_HUMAN antibody hFZ 8 antibody hFz8 antibody HGNC4046 antibody Homolog of Drosophila Frizzled 8 antibody
Accession No.	Swiss-Prot#:Q9H461
Uniprot	Q9H461
GeneID	8325;
Calculated MW	Predicted band size 73 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

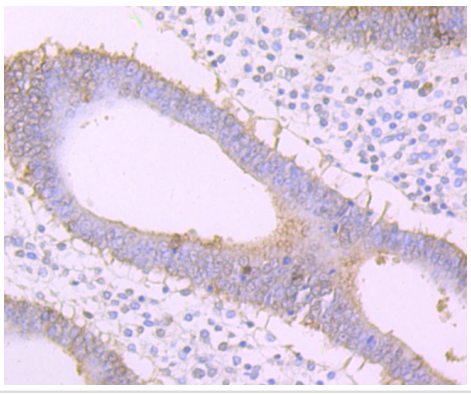
Application Details

WB: 1:500-1:1,000 IHC: 1:50-1:100

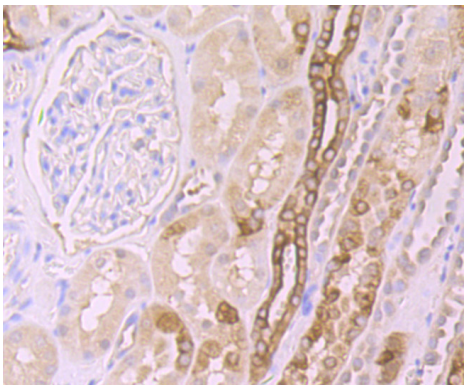
Images



Western blot analysis of Frizzled 8 on mouse lung tissue lysates using anti-Frizzled 8 antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded human uterus tissue using anti-Frizzled 8 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-Frizzled 8 antibody. Counter stained with hematoxylin.

Background

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.

References

Note: This product is for in vitro research use only