

Datasheet for ABIN7153193  
**anti-FZD8 antibody (AA 55-233)**

## 2 Images

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## Overview

Quantity:	100 µg
Target:	FZD8
Binding Specificity:	AA 55-233
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FZD8 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant Human Frizzled-8 protein (55-233AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

## Target Details

Target:	FZD8
Alternative Name:	FZD8 ( <a href="#">FZD8 Products</a> )
Background:	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

## Target Details

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.

Aliases: 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

UniProt: [Q9H461](#)

Pathways: [WNT Signaling](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

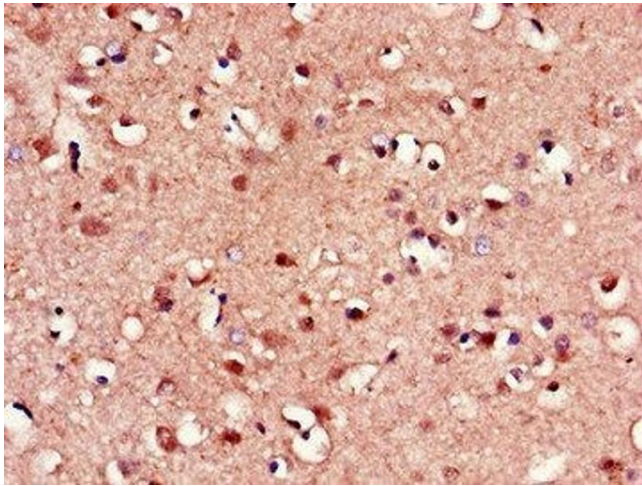
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

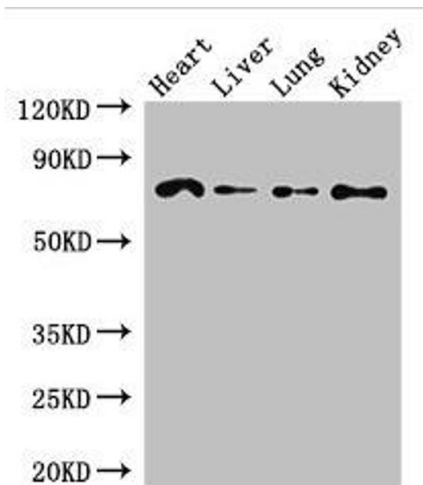
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7153193 at dilution of 1:100



### Western Blotting

**Image 2.** Western Blot Positive WB detected in: Mouse heart tissue, Mouse liver tissue, Mouse lung tissue, Mouse kidney tissue All lanes: FZD8 antibody at 2.7 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 74 kDa Observed band size: 74 kDa