

Datasheet for ABIN7153179
anti-FZD1 antibody (AA 125-225)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	FZD1 (Fzd1)
Binding Specificity:	AA 125-225
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FZD1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Frizzled-10 protein (125-225AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	FZD1 (Fzd1)
Alternative Name:	FZD1 (Fzd1 Products)
Background:	Background: 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,

Target Details

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.

Aliases: CD 350 antibody, CD 350 antigen antibody, CD350 antibody, Frizzled (Drosophila) homolog 10 antibody, Frizzled-10 antibody, FZ 10 antibody, Fz-10 antibody, FZ10 antibody, FZD 10 antibody, FZD10 antibody, FZD10_HUMAN antibody, FzE 7 antibody, FzE7 antibody, hFz 10 antibody, hFz10 antibody

UniProt: [Q9ULW2](#)

Pathways: [WNT Signaling](#), [Asymmetric Protein Localization](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

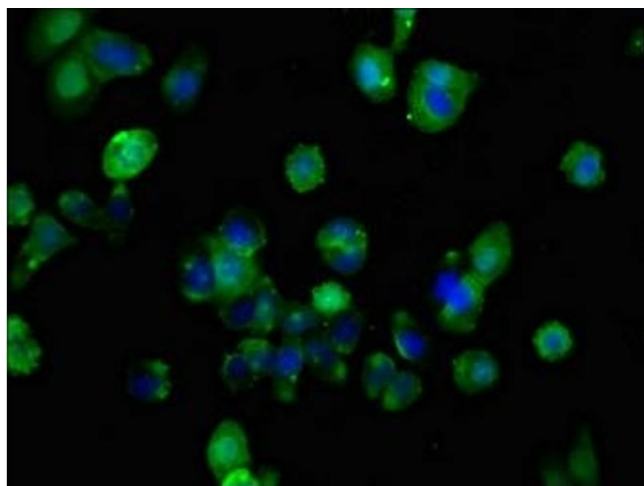
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

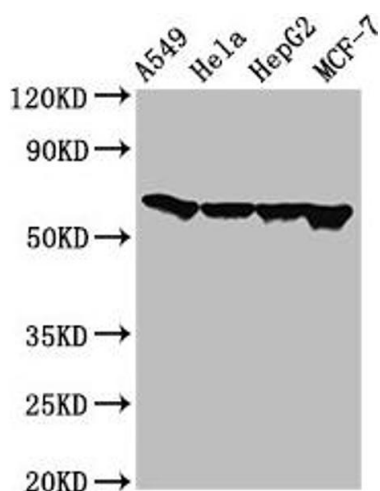
Storage: -20 °C, -80 °C

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



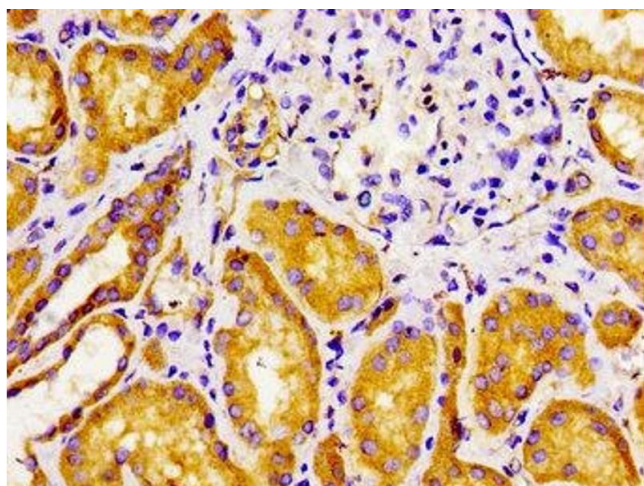
Immunofluorescence

Image 1. Immunofluorescent analysis of HepG2 cells using ABIN7153179 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western Blot Positive WB detected in: A549 whole cell lysate, HeLa whole cell lysate, HepG2 whole cell lysate, MCF-7 whole cell lysate All lanes: FZD10 antibody at 3 μ g/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 66 kDa Observed band size: 66 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7153179 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7153179.