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Datasheet for ABIN7153197  
**anti-FZD9 antibody (AA 23-229)**

2 Images

### Overview

Quantity:	100 µg
Target:	FZD9
Binding Specificity:	AA 23-229
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FZD9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

### Product Details

Immunogen:	Recombinant Human Frizzled-9 protein (23-229AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

### Target Details

Target:	FZD9
Alternative Name:	FZD9 ( <a href="#">FZD9 Products</a> )
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

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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 349 antibody, CD 349 antigen antibody, CD349 antibody, Frizzled Drosophila homolog of 3 antibody, Frizzled homolog 9 (Drosophila) antibody, Frizzled homolog 9 antibody, Frizzled-9 antibody, Fz 9 antibody, Fz-9 antibody, FZD 3 antibody, Fzd 9 antibody, FZD3 antibody, FZD3-PEN antibody, FZD9 antibody, FZD9\_HUMAN antibody, FzE6 antibody, hFz9 antibody, mfz9 antibody, Xfz9 antibody

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UniProt: [O00144](#)

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Pathways: [WNT Signaling](#)

## Application Details

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Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:500-1:1000,

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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

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Preservative: ProClin

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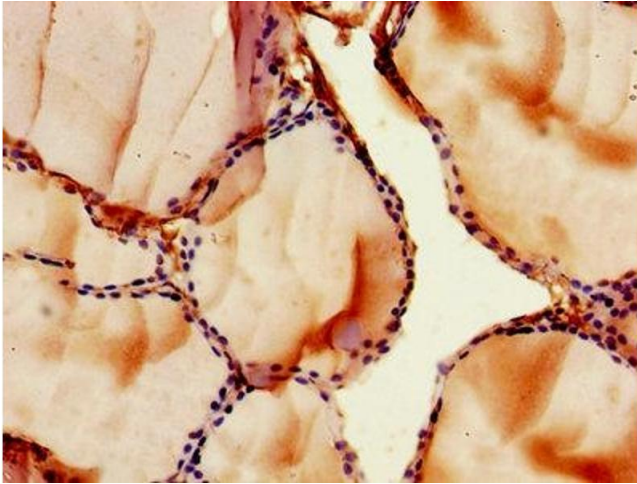
Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

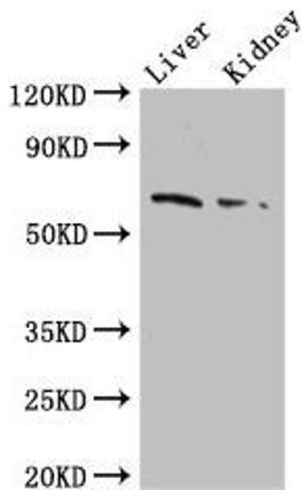
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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



### Immunohistochemistry

**Image 1.** IHC image of ABIN7153197 diluted at 1:500 and staining in paraffin-embedded human thyroid tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



### Western Blotting

**Image 2.** Western Blot Positive WB detected in: Mouse liver tissue, Mouse kidney tissue All lanes: FZD9 antibody at 2.5 μg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 65 kDa Observed band size: 65 kDa