



[Go to Product page](#)

Datasheet for ABIN1386280

anti-FZD9 antibody (AA 185-270)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	FZD9
Binding Specificity:	AA 185-270
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FZD9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Frizzled 9/CD349
Isotype:	IgG
Specificity:	This antibody may have slight cross reactivity with Frizzled 10.
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	FZD9
---------	------

Target Details

Alternative Name: [Frizzled 9/CD349 \(FZD9 Products\)](#)

Background: Synonyms: FZD3, CD349, Frizzled-9, Fz-9, hFz9, FzE6, FZD9
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, 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.

Gene ID: 8326

UniProt: [O00144](#)

Pathways: [WNT Signaling](#)

Application Details

Application Notes: ELISA 1:500-1000
FCM 1:20-100
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
ICC 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

handled by trained staff only.

Storage: 4 °C,-20 °C

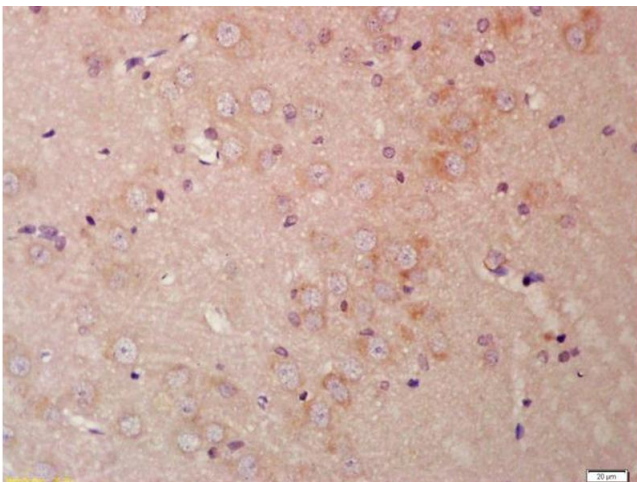
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Publications

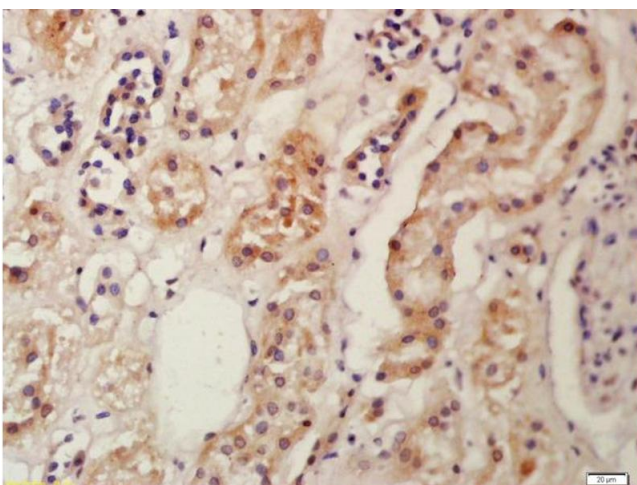
Product cited in: Vasyliiev, Rodnichenko, Gubar, Zlatska, Gordiienko, Novikova, Zubov: "Large-scale expansion and characterization of human adult neural crest-derived multipotent stem cells from hair follicle for regenerative medicine applications." in: **Experimental oncology**, Vol. 39, Issue 3, pp. 171-180, (2017) ([PubMed](#)).

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat brain labeled with Anti-Frizzled 9/CD349 Polyclonal Antibody, Unconjugated (ABIN1386280) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded human kidney labeled with Anti-Frizzled 9/CD349 Polyclonal Antibody, Unconjugated (ABIN1386280) at 1:200 followed by conjugation to the secondary antibody and DAB staining