

Datasheet for ABIN7153180

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

Overview

Quantity:	100 µg
Target:	FZD1 (Fzd1)
Binding Specificity:	AA 125-225
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FZD1 antibody is conjugated to Biotin
Application:	ELISA

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:	Optimal working dilution should be determined by the investigator.
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.