

Datasheet for ABIN654962
anti-FZD6 antibody (AA 493-520)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	FZD6
Binding Specificity:	AA 493-520
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FZD6 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This FZD6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 493-520 amino acids from the Central region of human FZD6.
Clone:	RB25725
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	FZD6
Alternative Name:	FZD6 (FZD6 Products)

Target Details

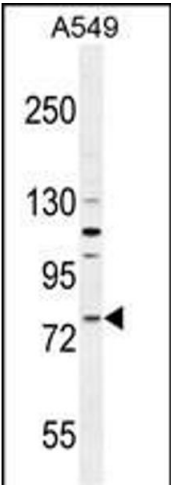
Background:	This gene represents a member of the 'frizzled' gene family, which encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The protein encoded by this family member contains a signal peptide, a cysteine-rich domain in the N-terminal extracellular region, and seven transmembrane domains, but unlike other family members, this protein does not contain a C-terminal PDZ domain-binding motif. This protein functions as a negative regulator of the canonical Wnt/beta-catenin signaling cascade, thereby inhibiting the processes that trigger oncogenic transformation, cell proliferation, and inhibition of apoptosis. Alternative splicing results in multiple transcript variants.
Molecular Weight:	79292
Gene ID:	8323
NCBI Accession:	NP_001158087 , NP_001158088 , NP_003497
UniProt:	O60353
Pathways:	WNT Signaling , Tube Formation

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. FZD6 Antibody (Center) (ABIN654962 and ABIN2844601) western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the FZD6 antibody detected the FZD6 protein (arrow).