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## Datasheet for ABIN6281808 **anti-FZD2 antibody (Internal Region)**

### Overview

Quantity:	50 µL
Target:	FZD2
Binding Specificity:	AA 180-260, Internal Region
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FZD2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

### Product Details

Purpose:	<p>Frizzled-2 is a protein encoded by the FZD2 gene which is approximately 63,5 kDa. Frizzled-2 is localised to the cell membrane and is involved in CDK-mediated phosphorylation and removal of Cdc6, Wnt signalling pathway and pluripotency and mTOR signalling pathway. It is a receptor for Wnt proteins and is coupled to the beta-catenin canonical signalling 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. Frizzled-2 is widely expressed, it is mainly found in heart, placenta, skeletal muscle, lung, kidney, pancreas, prostate, testis, ovary and colon. Mutations in the FZD2 gene result in omdysplasia. STJ93141 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody detects endogenous levels of Frizzled-2 protein.</p>
Immunogen:	Synthesized peptide derived from human Frizzled-2
Isotype:	IgG

## Product Details

Specificity:	Frizzled-2 Polyclonal Antibody detects endogenous levels of Frizzled-2 protein.
Characteristics:	Rabbit polyclonal to Frizzled-2.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Target Details

Target:	FZD2
Alternative Name:	Frizzled-2 ( <a href="#">FZD2 Products</a> )
Molecular Weight:	55 kDa
Gene ID:	2535
UniProt:	<a href="#">Q14332</a>
Pathways:	<a href="#">WNT Signaling</a>

## Application Details

Application Notes:	WB 1:500-1:2000 IF 1:200-1:1000 ELISA 1:40000
Comment:	Widely expressed. In the adult, mainly found in heart, placenta, skeletal muscle, lung, kidney, pancreas, prostate, testis, ovary and colon. In the fetus, expressed in brain, lung and kidney. Low levels in fetal liver.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % 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:	-20 °C

## Handling

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Storage Comment: Store at -20°C, and avoid repeat freeze-thaw cycles.