

Datasheet for ABIN2776701
anti-FZD2 antibody (N-Term)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	FZD2
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Horse, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FZD2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human FZD2
Sequence:	MRPRSALPRL LLPLLLLPAA GPAQFHGEKG ISIPDHGFCQ PISIPLECTDI
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against FZD2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	FZD2
Alternative Name:	FZD2 (FZD2 Products)

Target Details

Background:	Members of the 'frizzled' gene family encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The expression of the FZD2 gene appears to be developmentally regulated, with high levels of expression in fetal kidney and lung an Alias Symbols: Fz2, fz-2, fzE2, hFz2 Protein Interaction Partner: UBC, WNT3A, WNT5A, DLG4, ROR2, Protein Size: 565
Molecular Weight:	63 kDa
Gene ID:	2535
NCBI Accession:	NM_001466 , NP_001457
UniProt:	Q14332
Pathways:	WNT Signaling

Application Details

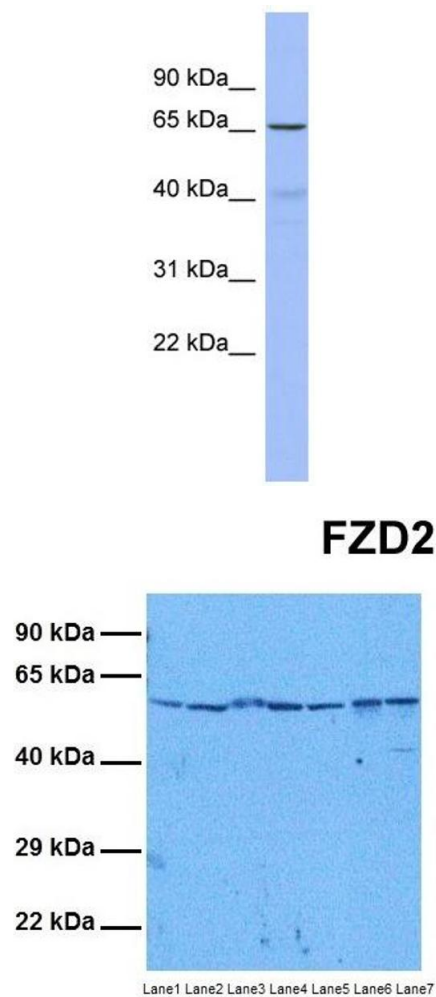
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 565 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Product cited in: Mitkus, Hyde, Vakkalanka, Kolachana, Weinberger, Kleinman, Lipska: "Expression of oligodendrocyte-associated genes in dorsolateral prefrontal cortex of patients with schizophrenia." in: **Schizophrenia research**, Vol. 98, Issue 1-3, pp. 129-38, (2007) ([PubMed](#)).

Validation report #101227 for Western Blotting (WB)



Western Blotting

Image 1. WB Suggested Anti-FZD2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Human Spleen

Western Blotting

Image 2. Host: Rabbit Target Name: FZD2 Sample Tissue: Human HepG2, Human Jurkat, Human MCF7, Human DLD1, Human Hela, Human Fetal Liver, Human Stomach Tumor Antibody Dilution: 1.0ug/ml