

Datasheet for ABIN2776713 anti-FZD10 antibody (N-Term)



[Go to Product page](#)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	FZD10
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Cow, Dog, Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FZD10 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 FZD10
Sequence:	PIEIPMCKDI GYNMTRMPNL MGHENQREAA IQLHEFAPLV EYGCHGHLRF
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against FZD10. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	FZD10
Alternative Name:	FZD10 (FZD10 Products)

Target Details

Background:	<p>FZD10 is a member of the frizzled family. Members of this family are 7-transmembrane domain proteins that are receptors for the Wingless type MMTV integration site family of signaling proteins. Most frizzled receptors are coupled to the beta-catenin canonical signaling pathway. Using array analysis, expression of this intronless gene is significantly up-regulated in two cases of primary colon cancer. This gene is a member of the frizzled gene family. Members of this family encode 7-transmembrane domain proteins that are receptors for the Wingless type MMTV integration site family of signaling proteins. Most frizzled receptors are coupled to the beta-catenin canonical signaling pathway. Using array analysis, expression of this intronless gene is significantly up-regulated in two cases of primary colon cancer.</p> <p>Alias Symbols: FZ-10, FzE7, hFz10, Fz10, CD350</p> <p>Protein Size: 581</p>
Molecular Weight:	65 kDa
Gene ID:	11211
NCBI Accession:	NM_007197 , NP_009128
UniProt:	Q9ULW2
Pathways:	WNT Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 581 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.

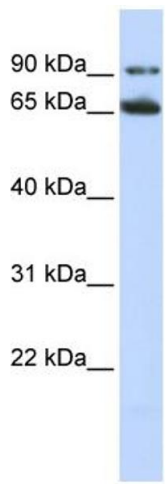
Handling

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.

Publications

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-FZD10 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate