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Datasheet for ABIN1679928  
**anti-FZD7 antibody (AA 1-260)**

1 Image

Overview

Quantity:	100 µg
Target:	FZD7
Binding Specificity:	AA 1-260
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FZD7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human FZD7 (NP_003498.1).
Sequence:	MRDPGAAAPL SSLGLCALVL ALLGALSAGA GAQPYHGEKG ISVPDHGFCQ PISIPLECTDI AYNQITLPNL LGHTNQEDAG LEVHQFYPLV KVQCSPERLF FLCSMYAPVC TVLDQAIPPC RSLCERARQG CEALMNKFGF QWPERLRNEN FVHVGAGEIC VGQNTSDGSG GPGGGPTAYP TAPYLPDLPF TALPPGASDG RGRPAFPFSC PRQLKVPPYL GYRFLGERDC GAPCEPGRAN GLMYFKEEER RFARLWVGWV
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	FZD7
Alternative Name:	FZD7 ( <a href="#">FZD7 Products</a> )
Background:	<p>Members of the 'frizzled' gene family encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The FZD7 protein contains an N-terminal signal sequence, 10 cysteine residues typical of the cysteine-rich extracellular domain of Fz family members, 7 putative transmembrane domains, and an intracellular C-terminal tail with a PDZ domain-binding motif. FZD7 gene expression may downregulate APC function and enhance beta-catenin-mediated signals in poorly differentiated human esophageal carcinomas.,FZD7,FzE3,Epigenetics &amp; Nuclear Signaling,Translation Control,Regulation of eIF4 and p70 S6 Kinase,Cancer,Signal Transduction,G protein signaling,G-Protein-Coupled Receptors(GPCR),mTOR Signaling Pathway,Cell Biology &amp; Developmental Biology,Wnt/<math>\beta</math>-Catenin Signaling Pathway,ESC Pluripotency and Differentiation,Stem Cells,FZD7</p>
Molecular Weight:	63 kDa
Gene ID:	8324
UniProt:	<a href="#">O75084</a>
Pathways:	<a href="#">WNT Signaling</a> , <a href="#">Stem Cell Maintenance</a>

## Application Details

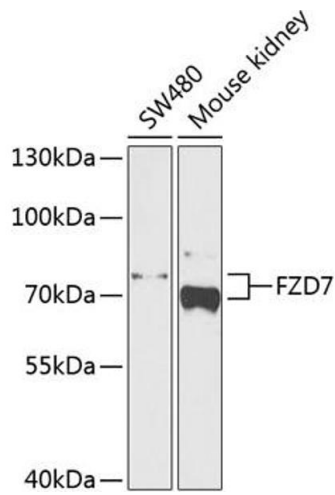
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Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

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Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using FZD7 antibody (ABIN1679928, ABIN3018703, ABIN3018704 and ABIN6220549) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.