

Datasheet for ABIN7043141
anti-FZD2 antibody (Extracellular, N-Term)

2 Images

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Overview

Quantity:	25 µL
Target:	FZD2
Binding Specificity:	AA 192-205, Extracellular, N-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)GAPPRYATLEHPFH, corresponding to amino acid residues 192-205 of rat Frizzled-2
Isotype:	IgG
Characteristics:	Anti-Frizzled-2 (FZD2) (extracellular) Antibody is directed against an epitope of rat Frizzled-2. Anti-Frizzled-2 (FZD2) (extracellular) Antibody (ABIN7043141, ABIN7044285 and ABIN7044286)) can be used in western blot analysis. The antibody recognizes an extracellular epitope and is thus ideal for detecting the receptor in living cells. It has been designed to recognize FZD2 from rat, mouse and human samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

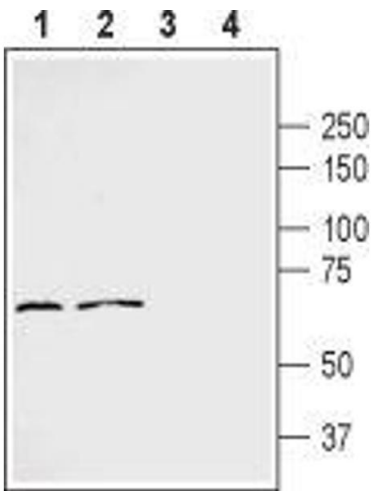
Target:	FZD2
Alternative Name:	Frizzled-2 (FZD2) (FZD2 Products)
Background:	Alternative names: Frizzled-2 (FZD2), Frizzled class receptor 2, Fz-2
Gene ID:	64512
NCBI Accession:	NM_001466
UniProt:	Q08464
Pathways:	WNT Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

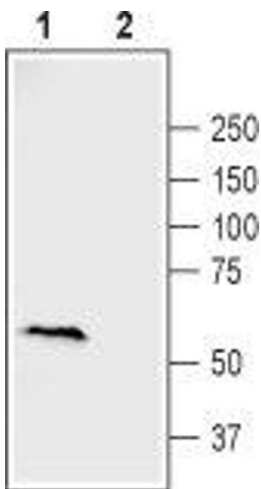
Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % 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:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



Western Blotting

Image 1. Western blot analysis of human MDA-231 breast carcinoma cell line lysate (lanes 1 and 3) and human THP-1 acute monocytic leukemia cell line lysate (lanes 2 and 4): - 1,2. Anti-Frizzled-2 (FZD2) (extracellular) Antibody (ABIN7043141, ABIN7044285 and ABIN7044286), (1:200).3,4. Anti-Frizzled-2 (FZD2) (extracellular) Antibody, preincubated with Frizzled-2/FZD2 (extracellular) Blocking Peptide (#BLP-FR022).



Western Blotting

Image 2. Western blot analysis of rat heart lysate: - 1. Anti-Frizzled-2 (FZD2) (extracellular) Antibody (ABIN7043141, ABIN7044285 and ABIN7044286), (1:200).2. Anti-Frizzled-2 (FZD2) (extracellular) Antibody, preincubated with Frizzled-2/FZD2 (extracellular) Blocking Peptide (#BLP-FR022).