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Datasheet for ABIN7467593
anti-FGD1 antibody (C-Term)

Overview

Quantity:	100 µL
Target:	FGD1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGD1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human FGD1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	FGD1
Alternative Name:	FYVE, RhoGEF and PH domain containing 1 (FGD1 Products)
Background:	FYVE, RhoGEF and PH domain containing 1 , AAS , FGDY , MRXS16 , ZFYVE3,FGD1 contains

Target Details

Dbl (DH) and pleckstrin (PH) homology domains. It can bind specifically to the Rho family GTPase Cdc42Hs and stimulate the GDP-GTP exchange of the isoprenylated form of Cdc42Hs. It also stimulates the mitogen activated protein kinase cascade leading to c-Jun kinase SAPK/JNK1 activation. FGD1 has an essential role in embryonic development, and FGD1 gene mutations result in the human developmental disorder, Aarskog-Scott syndrome. [provided by RefSeq]

Molecular Weight: 107 kDa

Gene ID: 2245

UniProt: [P98174](#)

Pathways: [Neurotrophin Signaling Pathway](#)

Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: U87-MG , SK-N-SH , IMR32 , SK-N-AS

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.85 mg/mL

Buffer: 0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.