



Datasheet for ABIN2460269

anti-FGD1 antibody



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1 Image

Overview

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

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human FGD1.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	FGD1
Alternative Name:	FGD1 (FGD1 Products)
Background:	FGD1 contains 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.

Target Details

Molecular Weight: 107 kDa

Gene ID: 2245

NCBI Accession: [NP_004454](#)

UniProt: [P98174](#)

Pathways: [Neurotrophin Signaling Pathway](#)

Application Details

Application Notes: FGD1 antibody can be used for detection of FGD1 by ELISA at 1:312500. FGD1 antibody can be used for detection of FGD1 by western blot at 2.0 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.

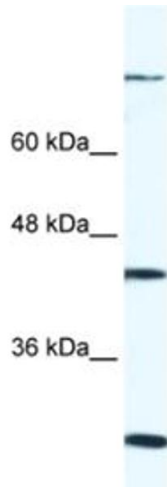
Concentration: 1 mg/mL

Buffer: Antibody is lyophilized in PBS buffer with 2 % sucrose.

Handling Advice: As with any antibody avoid repeat freeze-thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: For short periods of storage (days) store at 4 °C. For longer periods of storage, store FGD1 antibody at -20 °C.



Western Blotting

Image 1.