

Datasheet for ABIN927716 **anti-FGD1 antibody (N-Term)**



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1 Image

Overview

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

Product Details

Immunogen:	FGD1 antibody was raised in rabbit using the N terminal of FGD1 as the immunogen
Cross-Reactivity:	Cow (Bovine), Dog (Canine)
Purification:	Purified

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

Target Details

gene mutations result in the human developmental disorder, Aarskog-Scott syndrome. 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. Synonyms: Polyclonal FGD1 antibody, Anti-FGD1 antibody, FYVE, RhoGEF and PH domain containing 1, faciogenital dysplasia antibody, AAS antibody, FGDY antibody, ZFYVE3 antibody.

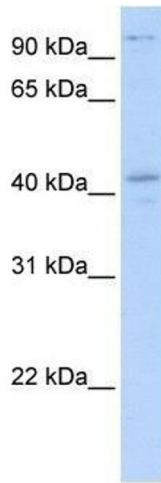
Pathways: [Neurotrophin Signaling Pathway](#)

Application Details

Application Notes:	WB: 0.2-1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	FGD1 Blocking Peptide, catalog no. 33R-3737, is also available for use as a blocking control in assays to test for specificity of this FGD1 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.



Western Blotting

Image 1. FGD1 antibody used at 0.2-1 ug/ml to detect target protein.