

FGD1 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A14529	Rabbit	1 mg/ml	

Applications	WB
Reactivity	Human, Mouse
Dilution	WB 1:500-2000
Storage	-20°C/1 year
Specificity	This antibody detects endogenous levels of FGD1 at Human/Mouse
Source / Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Immunogen	Synthesized peptide derived from human FGD1
Uniprot No	P98174
Alternative names	FYVE, RhoGEF and PH domain-containing protein 1 (Faciogenital dysplasia 1 protein) (Rho/Rac guanine nucleotide exchange factor FGD1) (Rho/Rac GEF) (Zinc finger FYVE domain-containing protein 3)
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.256% sodium azide.
Clonality	Polyclonal
Isotype	IgG
Conjugation	
Background	This gene encodes a protein that contains Dbl (DH) and pleckstrin (PH) homology domains and is similar to the Rho family of small GTP-binding proteins. The encoded protein specifically binds to the Rho family GTPase Cdc42Hs and can 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. Defects in this gene are the cause of faciogenital dysplasia and X-linked mental retardation, syndromatic 16.[provided by RefSeq, Mar 2011],
Other	FGD1 FGDY ZFYVE3, FGD1

Product Images:

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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