ELK Biotechnology

FGD1 rabbit pAb

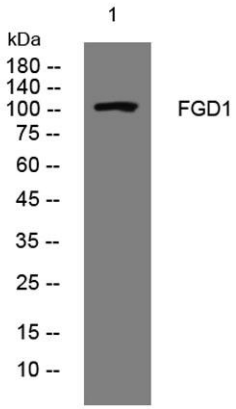
Cat No.:ES16484

For research use only

Overview

Product Name	FGD1 rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human; Mouse
Recommended dilutions	WB 1:500-2000
Immunogen	Synthesized peptide derived from human FGD1 AA range: 508-558
Specificity	This antibody detects endogenous levels of FGD1 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	FGD1
Gene Name	FGD1 FGDY ZFYVE3
Cellular localization	Cytoplasm . Cell projection, lamellipodium . Cell projection, ruffle . Cytoplasm, cytoskeleton . Associated with membrane ruffles and lamellipodia. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	105kD
Human Gene ID	2245
Human Swiss-Prot Number	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)
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],



Western blot analysis of lysates from A431 cells, primary antibody was diluted at 1:1000, 4°over night

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