

Rabbit FGD1 Polyclonal Antibody | anti-FGD1 antibody

Anti-FGD1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA264372	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

FGD1; Polyclonal Antibody; Anti-FGD1 Antibody; FGDY; ZFYVE3; 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; anti-FGD1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of FGD1 protein.
Purity/Purification	Purified by Immunogen Affinity Chromatography
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Applicable Applications for anti-FGD1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide of human FGD1. The exact sequence is proprietary.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



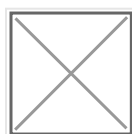
IF (Immunofluorescence)

Immunofluorescent analysis of FGD1 staining in L929 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 488-conjugated secondary antibody (green) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of FGD1 staining in human lung formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of FGD1 expression in HepG2 (A) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-FGD1 antibody	Rabbit polyclonal antibody to FGD1
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24797153
NCBI GeneID	2245
NCBI Accession #	NP_004454.2
NCBI GenBank Nucleotide #	NM_004463.2
UniProt Accession #	P98174; P52734
Molecular Weight	106,561 Da
NCBI Official Full Name	FYVE, RhoGEF and PH domain-containing protein 1
NCBI Official Synonym Full Names	FYVE, RhoGEF and PH domain containing 1
NCBI Official Symbol	FGD1
NCBI Official Synonym Symbols	AAS; FGDY; MRXS16; ZFYVE3
NCBI Protein Information	FYVE, RhoGEF and PH domain-containing protein 1; rho/Rac GEF; faciogenital dysplasia 1 protein; zinc finger FYVE domain-containing protein 3; rho/Rac guanine nucleotide exchange factor FGD1
UniProt Protein Name	FYVE, RhoGEF and PH domain-containing protein 1
UniProt Gene Name	FGD1
UniProt Synonym Gene Names	FGDY; ZFYVE3; Rho/Rac GEF
UniProt Entry Name	FGD1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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