

Rabbit anti-Human FGD4 Polyclonal Antibody | anti-FGD4 antibody

FGD4 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303360	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

FGD4; Polyclonal Antibody; FGD4 antibody; anti-FGD4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	766
Applicable Applications for anti-FGD4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 49 and 297 of FGD4
Target Name	FGD4
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using FGD4 antibody at 1: 200 dilution.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded SG xenograft, using FGD4 antibody at 1: 100 dilution.



Application Data

Sample (30 ug of whole cell lysate)A: Molt-4 7.5% SDS PAGEPrimary antibody diluted at 1: 1000

ADDITIONAL INFORMATION

Related Product Information for anti-FGD4 antibody	This gene encodes a protein that is involved in the regulation of the actin cytoskeleton and cell shape. This protein contains an actin filament-binding domain, which together with its Dbl homology domain and one of its pleckstrin homology domains, can form microspikes. This protein can activate MAPK8 independently of the actin filament-binding domain, and it is also involved in the activation of CDC42 via the exchange of bound GDP for free GTP. The activation of CDC42 also enables this protein to play a role in mediating the cellular invasion of Cryptosporidium parvum, an intracellular parasite that infects the gastrointestinal tract. Mutations in this gene can cause Charcot-Marie-Tooth disease type 4H (CMT4H), a disorder of the peripheral nervous system. [provided by RefSeq]
Product Categories/Family for anti-FGD4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	198041928
NCBI GeneID	121512
NCBI Accession #	NP_640334
NCBI GenBank Nucleotide #	NM_139241.3
Molecular Weight	20,388 Da
NCBI Official Full Name	FYVE, RhoGEF and PH domain-containing protein 4 isoform 3
NCBI Official Synonym Full Names	FYVE, RhoGEF and PH domain containing 4
NCBI Official Symbol	FGD4
NCBI Official Synonym Symbols	CMT4H; FRABP; ZFYVE6
NCBI Protein Information	FYVE, RhoGEF and PH domain-containing protein 4
UniProt Protein Name	FYVE, RhoGEF and PH domain-containing protein 4
UniProt Gene Name	FGD4
UniProt Synonym Gene Names	FRABP; ZFYVE6
UniProt Entry Name	FGD4_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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fgd4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/303360>