

Rabbit FGD1 Polyclonal Antibody | anti-FGD1 antibody

FGD1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29820	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

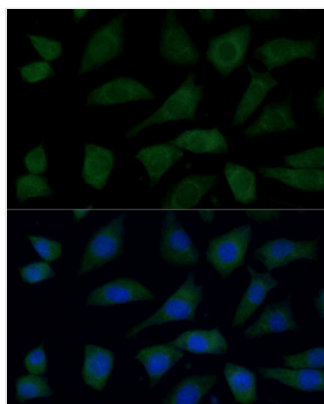
PRODUCT SYNONYMS

FGD1; Polyclonal Antibody; FGD1 Polyclonal Antibody; AAS; FGDY; MRXS16; ZFYVE3; FYVE; RhoGEF and PH domain containing 1; anti-FGD1 antibody

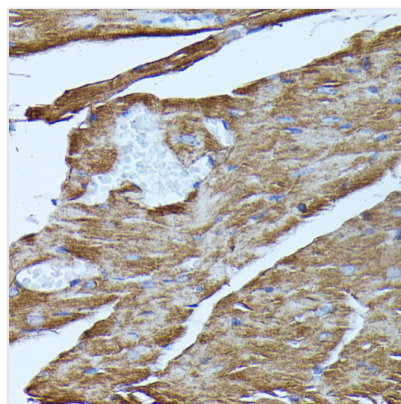
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-FGD1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:100 IF: 1:50-1:100
Immunogen	A synthetic peptide of human FGD1 (NP_004454.2).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

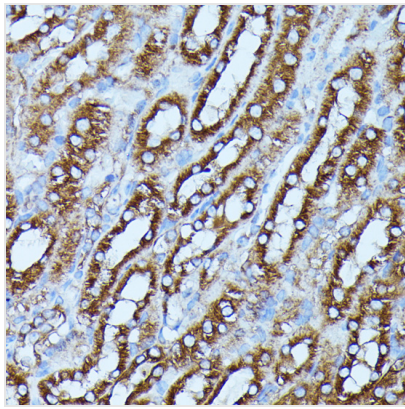
IMAGES


IF (Immunofluorescence)

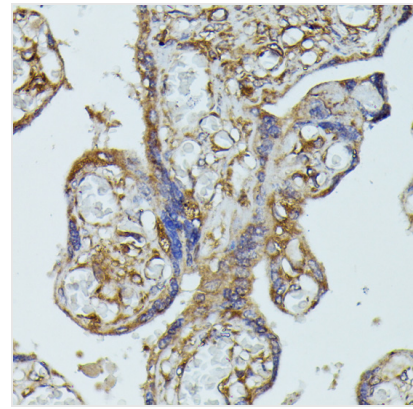
Immunofluorescence analysis of L929 cells using FGD1 Polyclonal Antibody.


IHC (Immunohistochemistry)

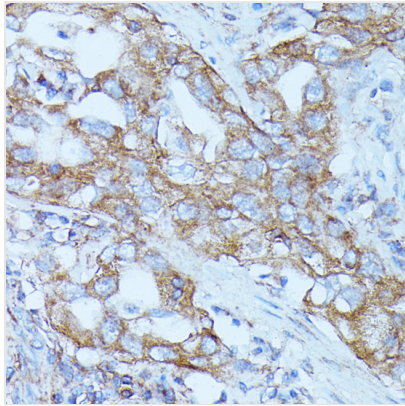
Immunohistochemistry of paraffin-embedded mouse heart using FGD1 antibody.



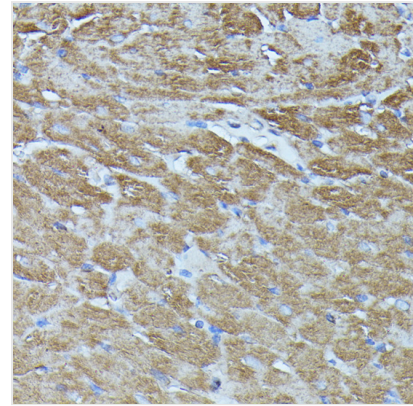
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse kidney using FGD1 antibody.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human placenta using FGD1 antibody.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human lung cancer using FGD1 antibody.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat heart using FGD1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-FGD1 antibody	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.
Product Categories/Family for anti-FGD1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	24797153
NCBI GeneID	2245
NCBI Accession #	NP_004454.2
NCBI GenBank Nucleotide #	NM_004463.2
UniProt Accession #	P98174; Q5H999; Q8N4D9
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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Online datasheet: <https://www.aaabiotech.com/polyclonal/fgd1-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/29820>