

Rabbit FGD1 Polyclonal Antibody | anti-FGD1 antibody

FGD1 Polyclonal Antibody

CATALOG # AAA28295	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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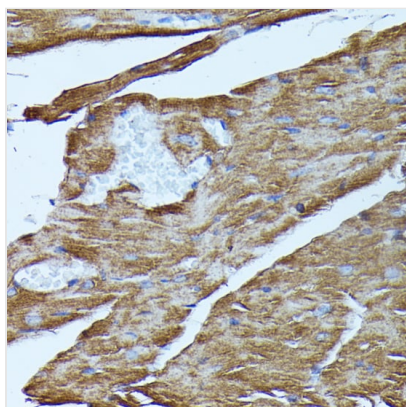
PRODUCT SYNONYMS

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

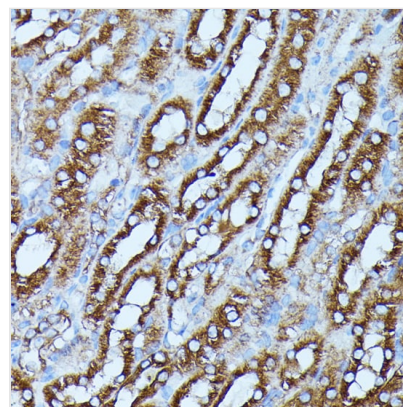
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	961
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 corresponding to a sequence within amino acids 700-800 of human FGD1 (NP_004454.2).
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

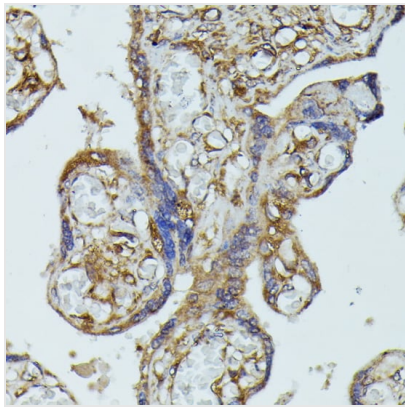
IMAGES


IHC (Immunohistochemistry)

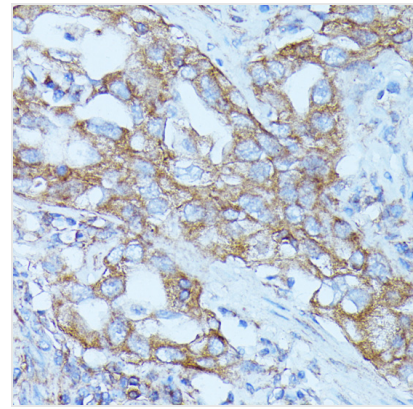
Immunofluorescence analysis of L929 cells using FGD1 Polyclonal Antibody (AAA28295) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.


IHC (Immunohistochemistry)

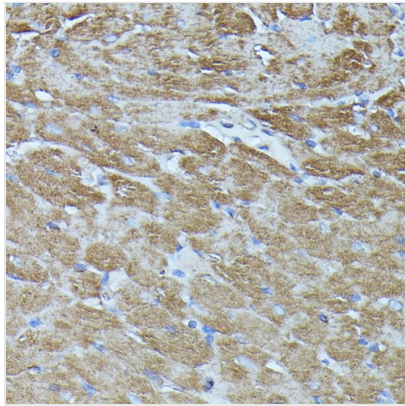
Immunohistochemistry of paraffin-embedded mouse kidney using FGD1 antibody (AAA28295) at dilution of 1:100 (40x lens).



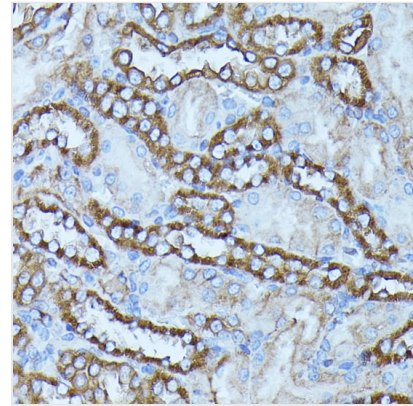
IHC (Immunohistochemistry)
Immunohistochemistry-FGD1 Polyclonal Antibody



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human lung cancer using FGD1 antibody (AAA28295) at dilution of 1:100 (40xlens).



IHC (Immunohistochemistry)
Immunohistochemistry-FGD1 Polyclonal Antibody



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat kidney using FGD1 antibody (AAA28295) at dilution of 1:100 (40x lens).

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, syndromic 16.

NCBI AND UNIPROT INFORMATION

NCBI GI #	24797153
NCBI GeneID	2245
NCBI Accession #	NP_004454.2
NCBI GenBank Nucleotide #	NP_004454.2
UniProt Accession #	P98174
Molecular Weight	Calculated: 106kDa Observed: 110kDa
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
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/28295>