Product Datasheet

FGD1 Polyclonal Antibody

Catalog No: #29824

Package Size: #29824-1 50ul #29824-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

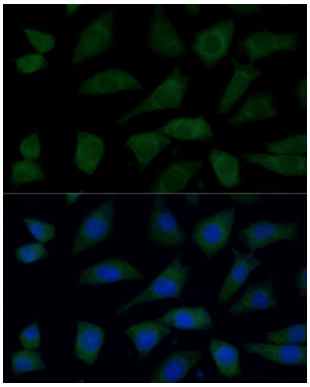
Description

Product Name	FGD1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human FGD1 (NP_004454.2).
Other Names	FGD1; AAS; FGDY; MRXS16; ZFYVE3; FYVE, RhoGEF and PH domain containing 1
Accession No.	Swiss-Prot#:P98174NCBI Gene ID:2245
Uniprot	P98174
GeneID	2245;
Calculated MW	110kDa
Formulation	Avoid freeze / thaw cycles.|Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

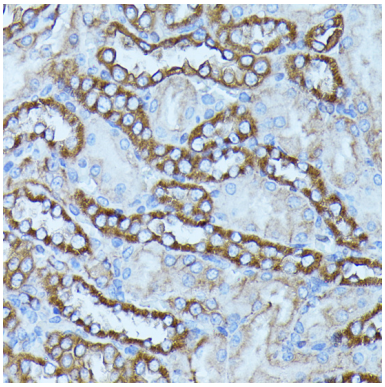
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:100IF□1:50 - 1:100

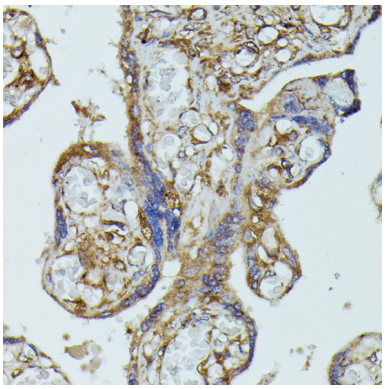
Images



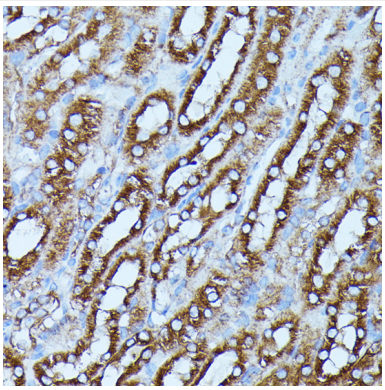
Immunofluorescence analysis of L929 cells using FGD1 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



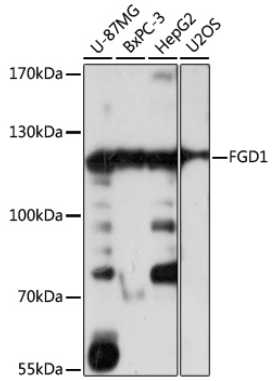
Immunohistochemistry of paraffin-embedded rat kidney using FGD1 at dilution of 1:100 (40x lens).



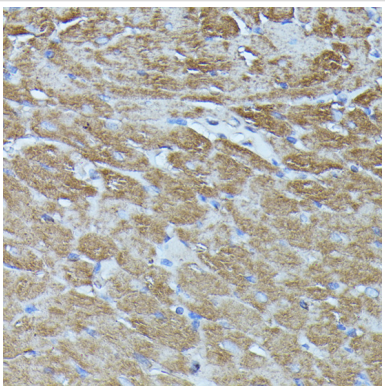
Immunohistochemistry of paraffin-embedded human placenta using FGD1 at dilution of 1:100 (40x lens).



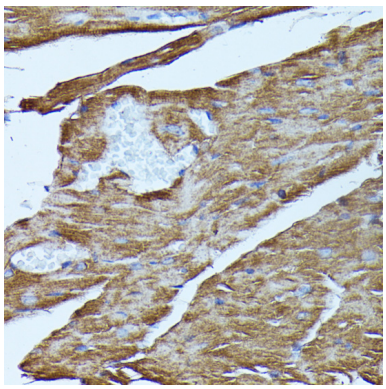
Immunohistochemistry of paraffin-embedded mouse kidney using FGD1 at dilution of 1:100 (40x lens).



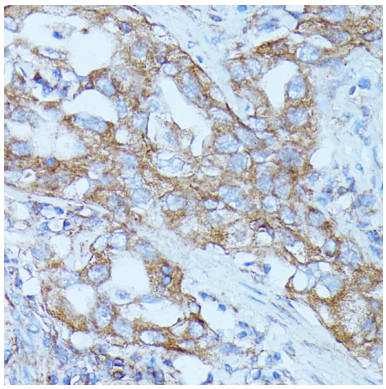
Western blot analysis of extracts of various cell lines, using FGD1 at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded rat heart using FGD1 at dilution of 1:100 (40x lens).



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



Immunohistochemistry of paraffin-embedded human lung cancer using FGD1 at dilution of 1:100 (40x lens).

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.

Note: This product is for in vitro research use only