

Datasheet for ABIN657115
anti-FGD2 antibody (C-Term)

2 Images

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Overview

Quantity:	400 µL
Target:	FGD2
Binding Specificity:	AA 508-537, C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This FGD2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 508-537 amino acids from the C-terminal region of human FGD2.
Clone:	RB32867
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	FGD2
Alternative Name:	FGD2 (FGD2 Products)
Background:	FGD2 activates CDC42, a member of the Ras-like family of Rho-and Rac proteins, by exchanging bound GDP for free GTP. Activates JNK1 via CDC42 but not RAC1. Binds to phosphatidylinositol 4,5-bisphosphate, phosphatidylinositol 3,4,5-trisphosphate,

Target Details

phosphatidylinositol 5-monophosphate, phosphatidylinositol 4-monophosphate and phosphatidylinositol 3-monophosphate (By similarity).

Molecular Weight: 74892

NCBI Accession: [NP_775829](#)

UniProt: [Q7Z6J4](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

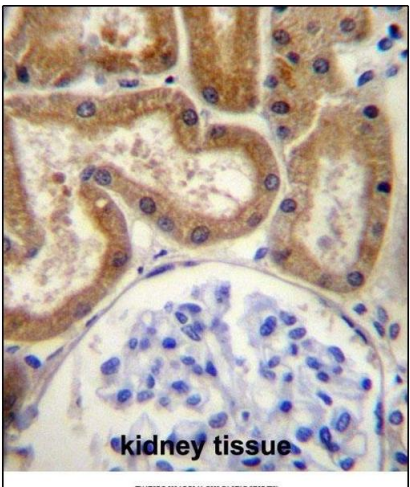
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

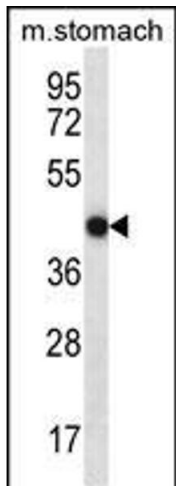
Expiry Date: 6 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. FGD2 Antibody (C-term) (ABIN657115 and ABIN2846263) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of FGD2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. FGD2 Antibody (C-term) (ABIN657115 and ABIN2846263) western blot analysis in mouse stomach tissue lysates (35 µg/lane). This demonstrates the FGD2 antibody detected the FGD2 protein (arrow).