

## FGD3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP19187B

# **Specification**

## FGD3 Antibody (C-term) - Product Information

Application WB,E
Primary Accession Q5JSP0

Other Accession NP 001077005.1

Reactivity
Host
Clonality
Polyclonal
Isotype
Calculated MW
Antigen Region

Human
Rabbit
Polyclonal
Rabbit IgG
79401
575-601

# FGD3 Antibody (C-term) - Additional Information

#### **Gene ID 89846**

## **Other Names**

FYVE, RhoGEF and PH domain-containing protein 3, Zinc finger FYVE domain-containing protein 5, FGD3, ZFYVE5

## Target/Specificity

This FGD3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 575-601 amino acids from the C-terminal region of human FGD3.

# **Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

#### **Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

### **Precautions**

FGD3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

# FGD3 Antibody (C-term) - Protein Information

### Name FGD3



# **Synonyms** ZFYVE5

**Function** Promotes the formation of filopodia. May activate CDC42, a member of the Ras-like family of Rho- and Rac proteins, by exchanging bound GDP for free GTP. Plays a role in regulating the actin cytoskeleton and cell shape (By similarity).

#### **Cellular Location**

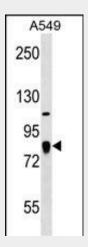
Cytoplasm. Cytoplasm, cytoskeleton

## FGD3 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# FGD3 Antibody (C-term) - Images



FGD3 Antibody (C-term) (Cat. #AP19187b) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the FGD3 antibody detected the FGD3 protein (arrow).

# FGD3 Antibody (C-term) - Background

FGD3 promotes the formation of filopodia. May activate CDC42, a member of the Ras-like family of Rho-and Rac proteins, by exchanging bound GDP for free GTP. Plays a role in regulating the actin cytoskeleton and cell shape (By similarity).

## FGD3 Antibody (C-term) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010):
Delague, V., et al. Am. J. Hum. Genet. 81(1):1-16(2007)
Humphray, S.J., et al. Nature 429(6990):369-374(2004)
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Salehi, A.H., et al. J. Biol. Chem. 277(50):48043-48050(2002)