

**FGD3 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP19187B****Specification**

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

Application	WB,E
Primary Accession	<a href="#">Q5JSP0</a>
Other Accession	<a href="#">NP_001077005.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	79401
Antigen Region	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

**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**

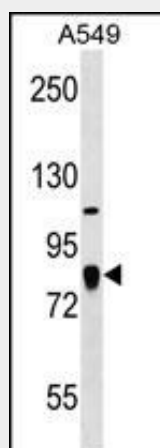
Cytoplasm. Cytoplasm, cytoskeleton

**FGD3 Antibody (C-term) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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**

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Delague, V., et al. Am. J. Hum. Genet. 81(1):1-16(2007)  
Humphray, S.J., et al. Nature 429(6990):369-374(2004)  
Rabizadeh, S., et al. Cytokine Growth Factor Rev. 14 (3-4), 225-239 (2003) :  
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