

### **FGD2 Polyclonal Antibody**

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP56108

### **Specification**

### **FGD2 Polyclonal Antibody - Product Information**

Application IHC-P, IHC-F, IF, ICC, E

Primary Accession <u>Q7Z6J4</u>

Reactivity Rat, Pig, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 74892

# **FGD2 Polyclonal Antibody - Additional Information**

#### Gene ID 221472

#### **Other Names**

FYVE, RhoGEF and PH domain-containing protein 2, Zinc finger FYVE domain-containing protein 4, FGD2, ZFYVE4

### **Dilution**

<span class ="dilution\_IHC-P">IHC-P~~N/A</span><br \> <span class
="dilution\_IHC-F">IHC-F~~N/A</span><br \> <span class
="dilution\_IF">IF~~1:50~200</span><br \> <span class ="dilution\_ICC">ICC~~N/A</span><br \> <span class ="dilution\_E">E~~N/A</span>

# **Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

# **FGD2 Polyclonal Antibody - Protein Information**

# Name FGD2

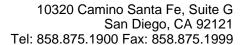
### Synonyms ZFYVE4

### **Function**

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

### **Cellular Location**

Cytoplasm, cytoskeleton. Cytoplasm. Nucleus. Early endosome Early endosome membrane. Cell projection, ruffle membrane. Note=Recruitment to the endosome and ruffle membrane requires the presence of phosphoinositides.





FGD2 Polyclonal Antibody - 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

**FGD2 Polyclonal Antibody - Images**