

**FGD2 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP56108**

**Specification**

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**FGD2 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	<a href="#">Q7Z6J4</a>
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

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**FGD2 Polyclonal Antibody - Images**