

FGD4 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56110**Specification**

FGD4 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q96M96
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	86626

FGD4 Polyclonal Antibody - Additional Information**Gene ID** 121512**Other Names**

FYVE, RhoGEF and PH domain-containing protein 4, Actin filament-binding protein frabin, FGD1-related F-actin-binding protein, Zinc finger FYVE domain-containing protein 6, FGD4, FRABP, ZFYVE6

Dilution

IHC-P ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
ICC ~ ~ N/A
E ~ ~ N/A

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.

FGD4 Polyclonal Antibody - Protein Information**Name** FGD4**Synonyms** FRABP, ZFYVE6**Function**

Activates 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. Activates MAPK8 (By similarity).

Cellular Location

Cytoplasm, cytoskeleton. Cell projection, filopodium. Note=Concentrated in filopodia and poorly

detected at lamellipodia. Binds along the sides of actin fibers (By similarity).

Tissue Location

Expressed in different tissues, including brain, cerebellum, peripheral nerve, skeletal muscle, heart, uterus, placenta and testis.

FGD4 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](#)

FGD4 Polyclonal Antibody - Images