

GEFT Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54646**Specification**

GEFT Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	Q86VW2
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63843

GEFT Polyclonal Antibody - Additional Information**Gene ID** 115557**Other Names**

Rho guanine nucleotide exchange factor 25, Guanine nucleotide exchange factor GEFT, Rac/Cdc42/Rho exchange factor GEFT, RhoA/Rac/Cdc42 guanine nucleotide exchange factor GEFT, p63RhoGEF, ARHGEF25, GEFT

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.

GEFT Polyclonal Antibody - Protein Information**Name** ARHGEF25**Synonyms** GEFT**Function**

May play a role in actin cytoskeleton reorganization in different tissues since its activation induces formation of actin stress fibers. It works as a guanine nucleotide exchange factor for Rho family of small GTPases. Links specifically G alpha q/11-coupled receptors to RHOA activation. May be an important regulator of processes involved in axon and dendrite formation. In neurons seems to be an exchange factor primarily for RAC1. Involved in skeletal myogenesis (By similarity).

Cellular Location

Cell membrane. Cytoplasm, myofibril, sarcomere. Note=Highly colocalizes with actin regions

Tissue Location

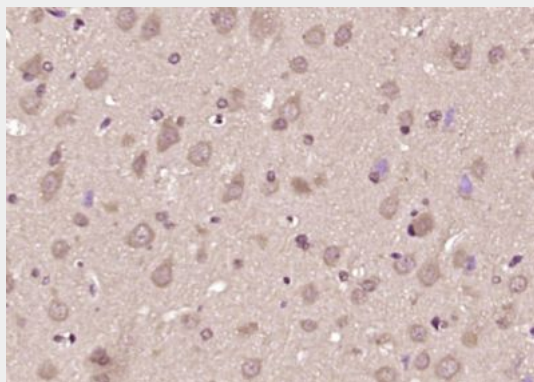
Isoform 1 and isoform 2 are highly expressed in excitable tissues, such as brain, heart and muscle. Also detected in kidney and liver.

GEFT 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](#)

GEFT Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GEFT) Polyclonal Antibody, Unconjugated (bs-11844R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.