

For Research Use Only

GEFT-Specific Polyclonal antibody

Catalog Number: 14839-1-AP

14 Publications



Basic Information

Catalog Number:

14839-1-AP

Size:

150ul, Concentration: 750 µg/ml by Nanodrop and 500 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_182947

GeneID (NCBI):

115557

UNIPROT ID:

Q86VW2

Full Name:

RhoA/RAC/CDC42 exchange factor

Calculated MW:

64 kDa

Observed MW:

64 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Background Information

GEFT, also named as p63RhoGEF, 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. GETF links specifically G alpha q/11-coupled receptors to RHOA activation. GEFT may be an important regulator of processes involved in axon and dendrite formation. In neurons seems to be an exchange factor primarily for RAC1. It is involved in skeletal myogenesis. GEFT is expressed as three isoforms (64, 53 and 68 kDa).

Notable Publications

Author	Pubmed ID	Journal	Application
Anita Ongherth	26392029	J Mol Cell Cardiol	WB, IF
Ping Han	36123685	Cell Commun Signal	IF, WB
Mykhaylo V Artamonov	30377223	Sci Signal	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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