

For Research Use Only

GEFT Polyclonal antibody

Catalog Number: 17028-1-AP



Basic Information

Catalog Number:

17028-1-AP

Size:

240 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10436

GenBank Accession Number:

BC012860

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

Recommended Dilutions:

WB 1:200-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

IP, WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : human brain tissue,

IP : HEK-293 cells,

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).

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

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

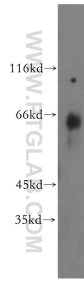
T: 4006900926

E: Proteintech-CN@ptglab.com

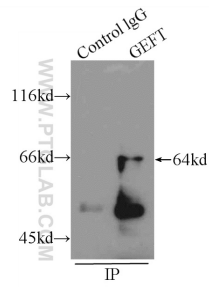
W: ptgcn.com

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Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 17028-1-AP (GEFT antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP result of anti-GEFT (IP:17028-1-AP, 4ug; Detection:17028-1-AP 1:400) with HEK-293 cells lysate 2000ug.