

For Research Use Only

# GEFT Polyclonal antibody

Catalog Number: 51004-1-AP

Featured Product

3 Publications



## Basic Information

### Catalog Number:

51004-1-AP

### Size:

150ul , Concentration: 133 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

BC047559

### GeneID (NCBI):

115557

### UNIPROT ID:

Q86VW2

### Full Name:

RhoA/RAC/CDC42 exchange factor

### Calculated MW:

64 kDa

### Observed MW:

70 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

## Applications

### Tested Applications:

WB, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, rat

### Positive Controls:

WB : mouse brain tissue, rat brain tissues

## 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 68kDa).

## Notable Publications

Author	Pubmed ID	Journal	Application
Julia Strack	25389180	MBio	WB
Siebert Peter P	23696743	PLoS Pathog	WB
Momotani Ko K	21885830	Circ Res	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

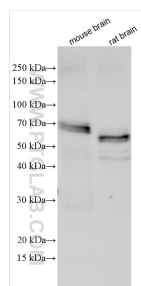
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 51004-1-AP (GEFT antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.