

For Research Use Only

# GEFT Polyclonal antibody

Catalog Number: 17028-1-AP



## Basic Information

|  |   |  |
|--|---|--|
| <b>Catalog Number:</b><br>17028-1-AP   | <b>GenBank Accession Number:</b><br>BC012860        | <b>Purification Method:</b><br>Antigen affinity purification                                     |
| <b>Size:</b><br>150ul , Concentration: 240 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>115557                     | <b>Recommended Dilutions:</b><br>WB 1:200-1:1000<br>IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB |
| <b>Source:</b><br>Rabbit   | <b>Full Name:</b><br>RhoA/RAC/CDC42 exchange factor |  |
| <b>Isotype:</b><br>IgG   | <b>Calculated MW:</b><br>474 aa, 53 kDa             |  |
| <b>Immunogen Catalog Number:</b><br>AG10436  | <b>Observed MW:</b><br>64 kDa                       |  |

## Applications

|  |  |
|--|--|
| <b>Tested Applications:</b><br>IP, WB, ELISA     | <b>Positive Controls:</b><br>WB : human brain tissue,<br>IP : HEK-293 cells, |
| <b>Species Specificity:</b><br>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. GEFT 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

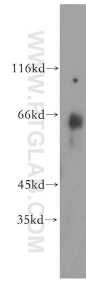
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

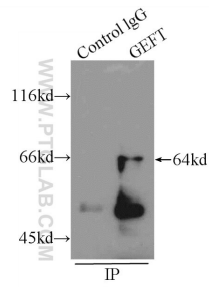
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## 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.