

For Research Use Only

# RACGAP1 Polyclonal antibody

Catalog Number: 13739-1-AP

Featured Product

10 Publications



## Basic Information

### Catalog Number:

13739-1-AP

### Size:

150ul, Concentration: 900 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG4676

### GenBank Accession Number:

BC032754

### GeneID (NCBI):

29127

### UNIPROT ID:

Q9H0H5

### Full Name:

Rac GTPase activating protein 1

### Calculated MW:

632 aa, 71 kDa

### Observed MW:

71 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

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

## Applications

### Tested Applications:

WB, IP, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse

### Cited Species:

human, mouse

### Positive Controls:

WB : K-562 cells, HeLa cells, RAW 264.7 cells, mouse testis tissue

IP : mouse testis tissue, HeLa cells

## Background Information

Rac GTPase-activating protein 1 (RACGAP1), localized in the mitotic spindle, has guanosine triphosphatase-activating protein (GAP) activity for the Rho family GTPases. RACGAP1 has an important influence on the initiation of cytokinesis, control of cell growth and differentiation, regulation of spermatogenesis, and tumor metastasis.

## Notable Publications

Author	Pubmed ID	Journal	Application
Carissa M Heath	31067151	Mol Biol Cell	IF
Meng-Yao Wang	31160556	Cell Death Dis	WB
Fujing Wang	35222021	Front Pharmacol	WB, IHC

## 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

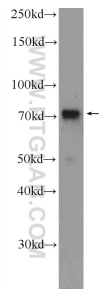
For technical support and original validation data for this product please contact:

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

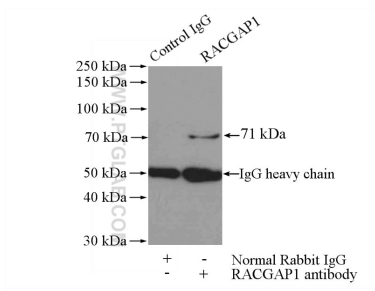
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 13739-1-AP (RACGAP1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-RACGAP1 (IP:13739-1-AP, 4ug; Detection:13739-1-AP 1:500) with mouse testis tissue lysate 4000ug.