

For Research Use Only

RACGAP1 Polyclonal antibody

Catalog Number: 13739-1-AP

Featured Product

10 Publications



Basic Information

Catalog Number:

13739-1-AP

Size:

600 µg/ml

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 µg 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

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

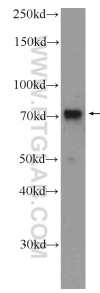
T: 4006900926

E: Proteintech-CN@ptglab.com

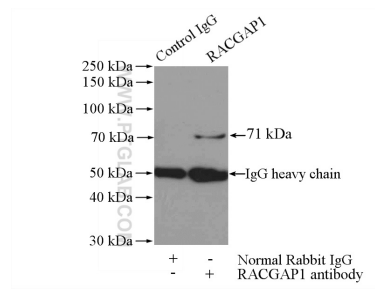
W: ptgcn.com

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Selected Validation Data



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.