

For Research Use Only

# RACGAP1 Monoclonal antibody, PBS Only

Catalog Number: 66056-1-PBS

Featured Product



## Basic Information

Catalog Number:

66056-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG6944

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:

Protein G purification

CloneNo.:

6E10A2

## Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

## 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.

## Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

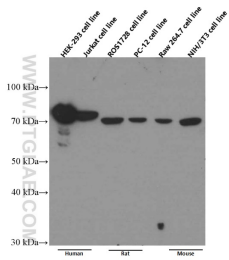
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

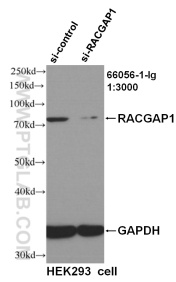
W: [ptgcn.com](http://ptgcn.com)

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

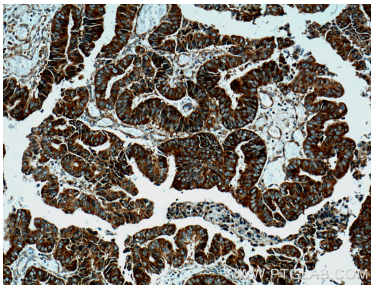
Selected Validation Data



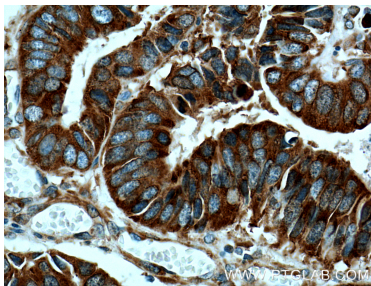
HEK-293, Jurkat, ROS1728, PC-12, Raw264.7, NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 66056-1-Ig (RACGAP1 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66056-1-PBS in a different storage buffer formulation.



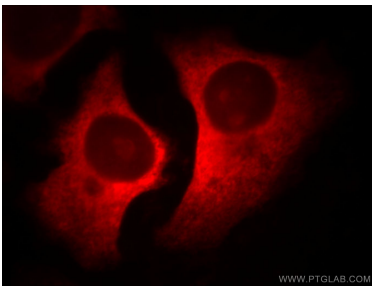
WB result of RACGAP1 antibody (66056-1-Ig, 1:3000) with si-control and si-RACGAP1 transfected HEK293 cells. This data was developed using the same antibody clone with 66056-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66056-1-Ig (RACGAP1 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66056-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66056-1-Ig (RACGAP1 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66056-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of HeLa cells, using RACGAP1 antibody 66056-1-Ig at 1:50 dilution and Rhodamine-labeled goat anti-mouse IgG (red). This data was developed using the same antibody clone with 66056-1-PBS in a different storage buffer formulation.