

## RACGAP1 Polyclonal Antibody

Catalog number: 13739-1-AP

Size: 60 µg/150 µl

Source: Rabbit

Isotype: IgG

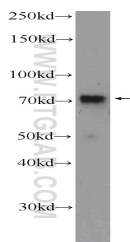
Synonyms:

RACGAP1; HsCYK 4, ID GAP,

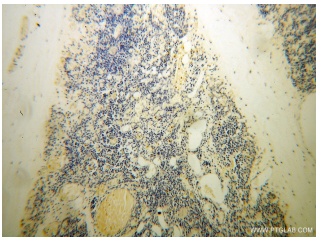
KIAA1478, Male germ cell

RacGap, MgcRacGAP,

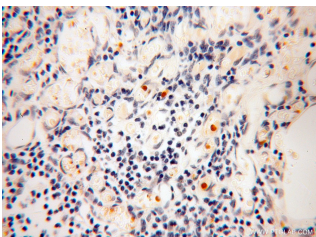
RACGAP1



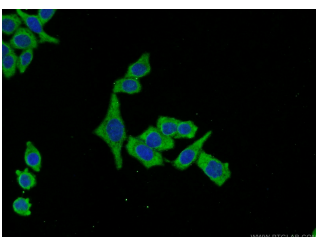
K-562 cells were subjected to SDS PAGE followed by western blot with 13739-1-AP (RACGAP1 Antibody) at dilution of 1:600



Immunohistochemical of paraffin-embedded human thymus using 13739-1-AP (RACGAP1 antibody) at dilution of 1:100 (under 10x lens)



Immunohistochemical of paraffin-embedded human thymus using 13739-1-AP (RACGAP1 antibody) at dilution of 1:100 (under 40x lens)



Immunofluorescent analysis

### Background

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.

### Applications

<b>Tested applications:</b>	ELISA, IHC, WB, IP, IF
<b>Species specificity:</b>	Human, Mouse; other species not tested.
<b>Calculated RACGAP1 MW:</b>	632aa, 71 kDa
<b>Observed RACGAP1 MW:</b>	71 kDa
<b>Positive WB detected in</b>	K-562 cells, HeLa cells, mouse testis tissue, RAW 264.7 cells
<b>Positive IP detected in</b>	Mouse testis tissue, HeLa cells
<b>Positive IHC detected in</b>	Human thymus tissue
<b>Positive IF detected in</b>	HeLa cells
<b>Recommended dilution:</b>	WB: 1:200-1:2000 IP: 1:200-1:2000 IHC: 1:20-1:200 IF: 1:20-1:200

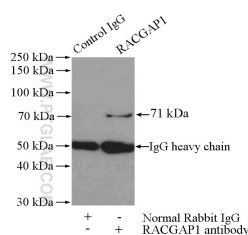
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

<b>Immunogen:</b>	Ag4676
<b>GenBank accession number:</b>	BC032754
<b>Gene ID (NCBI):</b>	29127
<b>Full name:</b>	Rac GTPase activating protein 1

### Product information

<b>Purification method:</b>	Antigen affinity purification
<b>Storage:</b>	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



IP Result of anti-RACGAP1

of ( -20 Ethanol ) fixed HeLa (IP:13739-1-AP, 4ug;  
cells using 13739-1-AP ( Detection:13739-1-AP 1:500)  
RACGAP1 Antibody) at with mouse testis tissue lysate  
dilution of 1:50 and Alexa 4000ug.  
Fluor 488-conjugated  
AffiniPure Goat Anti-Rabbit  
IgG(H+L)