

For Research Use Only

# RGS17 Polyclonal antibody

Catalog Number: 12549-1-AP

3 Publications



## Basic Information

### Catalog Number:

12549-1-AP

### Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 433 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG3399

### GenBank Accession Number:

BC013117

### GeneID (NCBI):

26575

### UNIPROT ID:

Q9UGC6

### Full Name:

regulator of G-protein signaling 17

### Calculated MW:

210 aa, 24 kDa

### Observed MW:

27 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

IF/ICC 1:10-1:100

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse

### Cited Species:

human, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

**WB :** MCF-7 cells, PC-3 cells, SH-SY5Y cells, mouse brain tissue, mouse lung tissue, MDA-MB-231 cells, NCI-H1299 cells, SK-BR-3 cells

**IHC :** human testis tissue, human cerebellum tissue

**IF/ICC :** MCF-7 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Eugene Sokolov	21620966	Cell Signal	WB
Yuhua Li	26185539	J Cancer	WB, IHC
Asmita Dhukhwa	33854102	Sci Rep	WB, IF

## 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

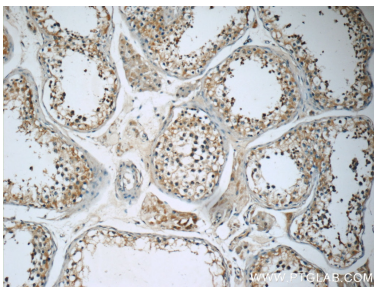
For technical support and original validation data for this product please contact:

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

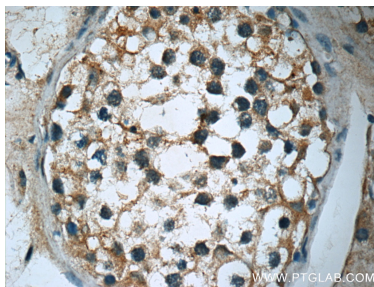
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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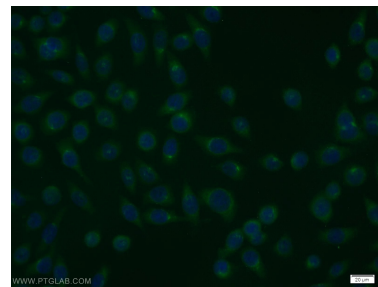
## Selected Validation Data



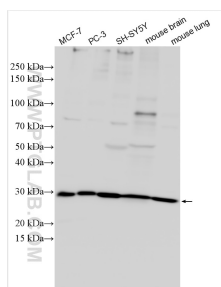
Immunohistochemical analysis of paraffin-embedded human testis slide using 12549-1-AP (RGS17 Antibody) at dilution of 1:50.



Immunohistochemical analysis of paraffin-embedded human testis slide using 12549-1-AP (RGS17 Antibody) at dilution of 1:50.



Immunofluorescent analysis of MCF-7 cells using 12549-1-AP (RGS17 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 12549-1-AP (RGS17 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.