

For Research Use Only

# REG4 Polyclonal antibody

Catalog Number: 12268-1-AP

4 Publications



## Basic Information

### Catalog Number:

12268-1-AP

### Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 293 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2934

### GenBank Accession Number:

BC017089

### GeneID (NCBI):

83998

### UNIPROT ID:

Q9BYZ8

### Full Name:

regenerating islet-derived family, member 4

### Calculated MW:

158 aa, 18 kDa

### Observed MW:

18 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human, mouse

### Cited Species:

human

### Positive Controls:

WB : SGC-7901 cells, mouse liver tissue

IHC : human colon cancer tissue,

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

## Notable Publications

Author	Pubmed ID	Journal	Application
Xiaobo Zheng	35221332	Signal Transduct Target Ther	IHC
Hong-Lin He	25155043	J Surg Oncol	IHC
Bingxin Liu	38806057	Cell Rep Med	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

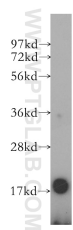
For technical support and original validation data for this product please contact:

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

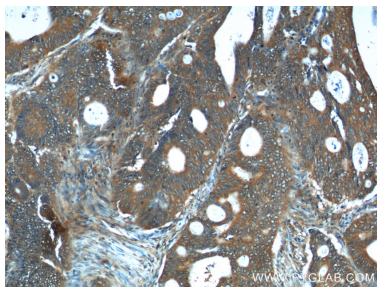
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

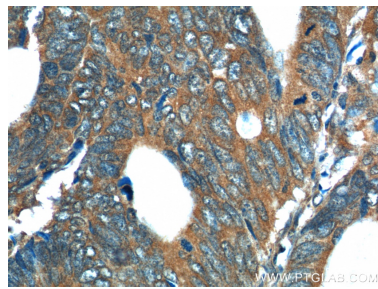
Selected Validation Data



SGC-7901 cells were subjected to SDS PAGE followed by western blot with 12268-1-AP (REG4 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 12268-1-AP (REG4 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 12268-1-AP (REG4 Antibody) at dilution of 1:200 (under 40x lens).