

For Research Use Only

# RAI14 Polyclonal antibody

Catalog Number: 17507-1-AP

Featured Product

10 Publications



## Basic Information

### Catalog Number:

17507-1-AP

### Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG11708

### GenBank Accession Number:

BC052988

### GeneID (NCBI):

26064

### UNIPROT ID:

Q9P0K7

### Full Name:

retinoic acid induced 14

### Calculated MW:

980 aa, 110 kDa

### Observed MW:

110 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:10-1:100

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IHC, IF, IP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, 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** : HeLa cells, human placenta tissue, mouse testis tissue

**IP** : mouse testis tissue,

**IHC** : human stomach cancer tissue,

**IF/ICC** : HeLa cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Jie Xu	36233342	Int J Mol Sci	WB,IHC
Cheng Chen	30349303	Onco Targets Ther	WB
XinXin Yan	33840258	Cell Transplant	WB

## 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

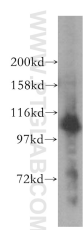
For technical support and original validation data for this product please contact:

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

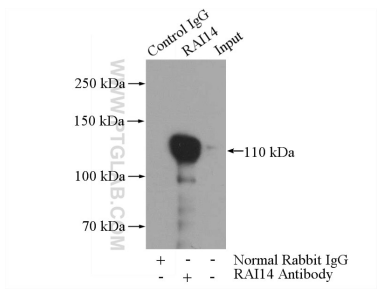
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

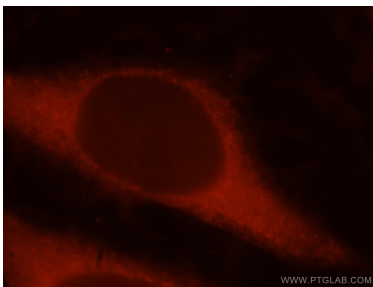
## Selected Validation Data



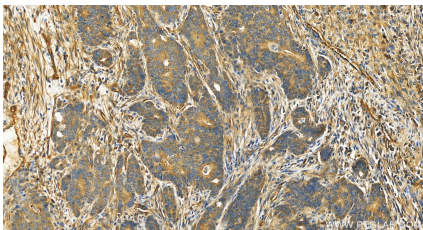
HeLa cells were subjected to SDS PAGE followed by western blot with 17507-1-AP (RAI14 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



IP result of anti-RAI14 (IP:17507-1-AP, 5ug; Detection:17507-1-AP 1:1000) with mouse testis tissue lysate 4000ug.



Immunofluorescent analysis of HeLa cells, using RAI14 antibody 17507-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical analysis of paraffin-embedded stomach cancer slide using 17507-1-AP (RAI14 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).