

For Research Use Only

# CRTAP Polyclonal antibody

Catalog Number: 15724-1-AP

Featured Product

1 Publications



## Basic Information

### Catalog Number:

15724-1-AP

### Concentration:

550 ug/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG8459

### GenBank Accession Number:

BC008745

### GeneID (NCBI):

10491

### UNIPROT ID:

O75718

### Full Name:

cartilage associated protein

### Calculated MW:

46.5 kDa

### Observed MW:

43-47 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:4000

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

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

IHC

### Species Specificity:

human, mouse, rat

### Cited Species:

human

**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** : HT-1080 cells, HEK-293 cells, HeLa cells, human colon tissue, human stomach tissue, NIH/3T3 cells, ROS1728 cells

**IP** : HEK-293 cells,

**IHC** : human kidney tissue,

**IF/ICC** : HeLa cells,

## Background Information

## Notable Publications

Author	Pubmed ID	Journal	Application
Liangshun Zhang	38114688	Med Oncol	IHC

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

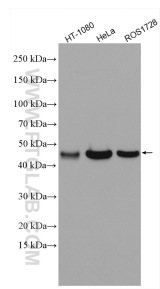
T: 4006900926

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

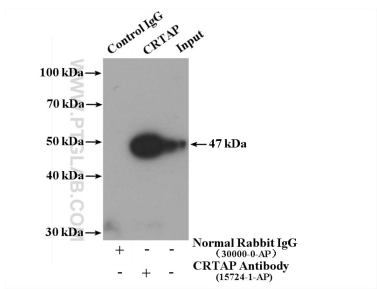
W: [ptgcn.com](http://ptgcn.com)

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

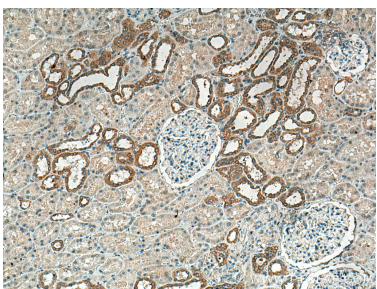
Selected Validation Data



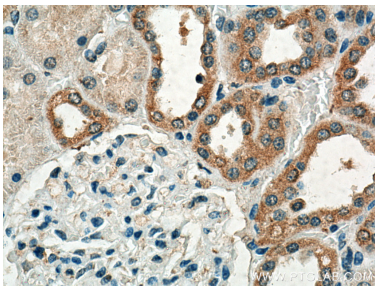
Various lysates were subjected to SDS PAGE followed by western blot with 15724-1-AP (CRTAP antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



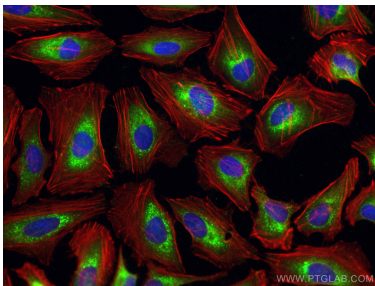
IP result of anti-CRTAP (IP:15724-1-AP, 4ug; Detection:15724-1-AP 1:500) with HEK-293 cells lysate 3000 ug.



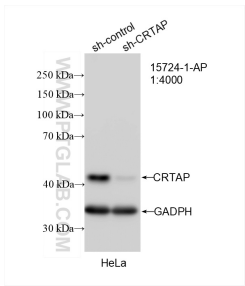
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 15724-1-AP (CRTAP antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 15724-1-AP (CRTAP antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CRTAP antibody (15724-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). F-actin was stained using CL594-phalloidin (red) and DNA was stained by DAPI (blue).



WB result of CRTAP antibody (15724-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CRTAP transfected HeLa cells.