

For Research Use Only

CRTAP Polyclonal antibody

Catalog Number: 15724-1-AP **1 Publications**



Basic Information

Catalog Number: 15724-1-AP	GenBank Accession Number: BC008745	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop and 280 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10491	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 1:50-1:500
Source: Rabbit	Full Name: cartilage associated protein	
Isotype: IgG	Calculated MW: 46.5 kDa	
Immunogen Catalog Number: AG8459	Observed MW: 43-47 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls: WB : HT-1080 cells, human stomach tissue, NIH/3T3 cells, ROS1728 cells, HEK-293 cells, HeLa cells, human colon tissue IP : HEK-293 cells, IHC : human kidney tissue, IF : HeLa cells,
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	

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Liangshun Zhang	38114688	Med Oncol	IHC

Storage

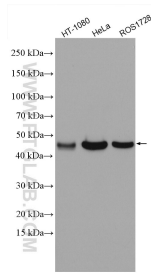
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

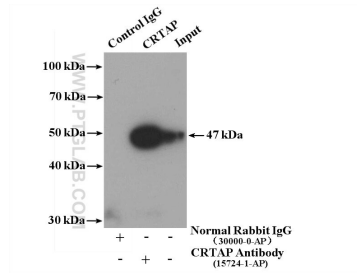
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

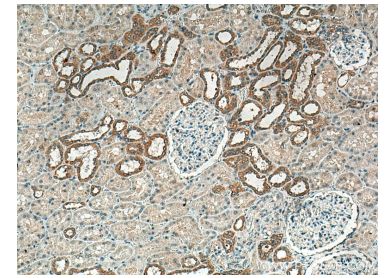
Selected Validation Data



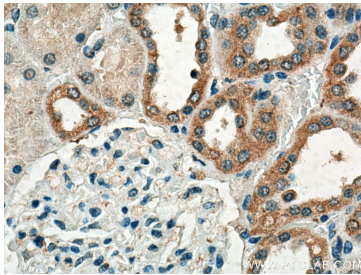
Various lysates were subjected to SDS PAGE followed by western blot with 15724-1-AP (CRTAP antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



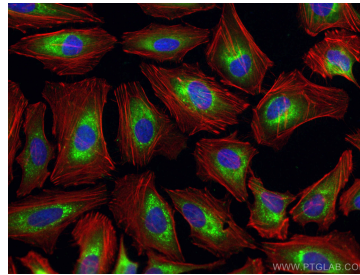
IP result of anti-CRTAP (IP:15724-1-AP, 4 μ g; Detection:15724-1-AP 1:500) with HEK-293 cells lysate 3000 μ g.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 15724-1-AP (CRTAP antibody) at dilution of 1:200 (under 10 \times 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 40 \times lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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