

For Research Use Only

# ANP32A Polyclonal antibody

Catalog Number: 15810-1-AP

Featured Product

3 Publications



## Basic Information

### Catalog Number:

15810-1-AP

### Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG8546

### GenBank Accession Number:

BC007200

### GeneID (NCBI):

8125

### UNIPROT ID:

P39687

### Full Name:

acidic (leucine-rich) nuclear phosphoprotein 32 family, member A

### Calculated MW:

249 aa, 29 kDa

### Observed MW:

29 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse

### Cited Species:

human, chicken

**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**: A549 cells, human brain tissue, mouse brain tissue, mouse thymus tissue, Raji cells, HeLa cells, MCF-7 cells, HEK-293T cells

**IHC**: human kidney tissue,

**IF/ICC**: A431 cells, A2780 cells

## Background Information

ANP32A, an acidic leucine-rich nuclear phosphoprotein, is a member of the inhibitor of the histone acetyltransferase (INHAT) complex and preferentially binds to unmodified histone H3 tails in vitro. ANP32A is expressed in normal tissues as well as in pancreatic, breast and prostate cancer and other malignant tumors. ANP32A plays an important role in cell proliferation, apoptosis, transcriptional regulation, signal transduction and other processes.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xiuli Wei	30666459	Arch Virol	WB
Xiaomei Wan	38383388	Cancer Cell Int	WB
Lei Na	38295177	Sci Adv	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

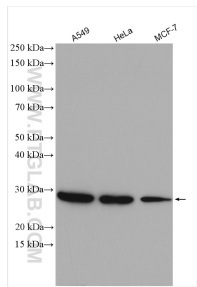
For technical support and original validation data for this product please contact:

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

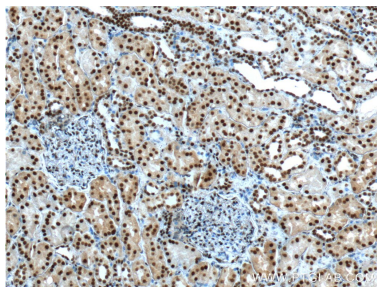
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

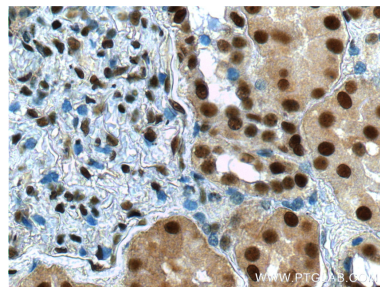
Selected Validation Data



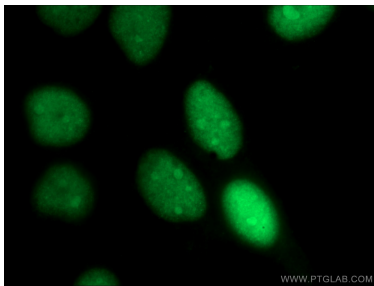
Various cells were subjected to SDS PAGE followed by western blot with 15810-1-AP (ANP32A antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



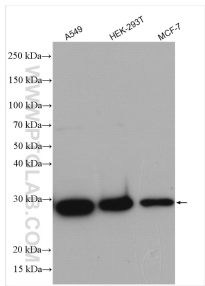
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 15810-1-AP (ANP32A Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 15810-1-AP (ANP32A Antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed A431 cells using 15810-1-AP (ANP32A antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 15810-1-AP (ANP32A antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.