

ANP32A Polyclonal antibody

Catalog Number: 15810-1-AP

Featured Product

3 Publications

Basic Information

Catalog Number:

15810-1-AP

Size:

450 µg/ml

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

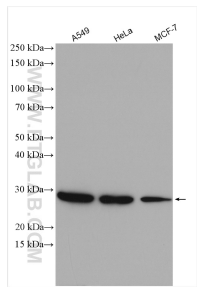
For technical support and original validation data for this product please contact:

T: 4006900926

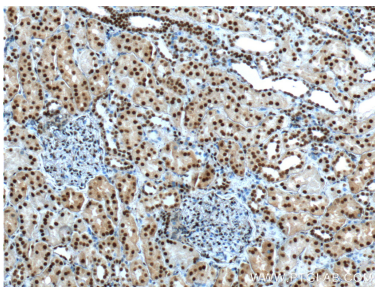
E: Proteintech-CN@ptglab.comW: ptgcn.com

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

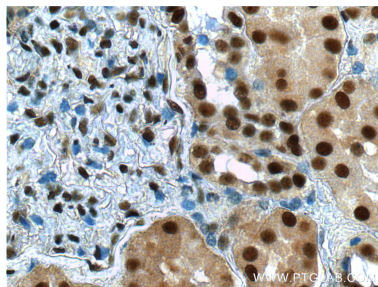
Selected Validation Data



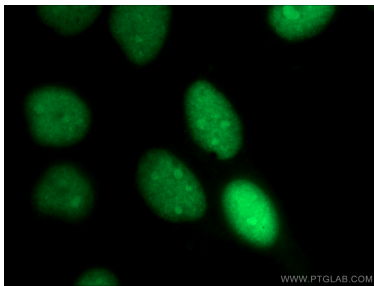
Various cells were subjected to SDS PAGE followed by western blot with 15810-1-AP (ANP32A antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



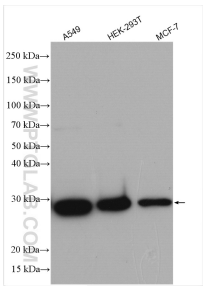
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 15810-1-AP (ANP32A Antibody) at dilution of 1:200 (under 10x lens).



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 AffiniPure 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.