

For Research Use Only

ANP32A Monoclonal antibody, PBS Only



Catalog Number: 67687-1-PBS

Basic Information

Catalog Number:

67687-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG2a

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:

Protein A purification

CloneNo.:

2D8C5

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

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.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

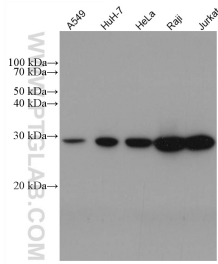
T: 4006900926

E: Proteintech-CN@ptglab.com

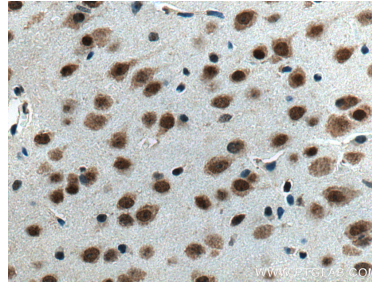
W: ptgcn.com

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

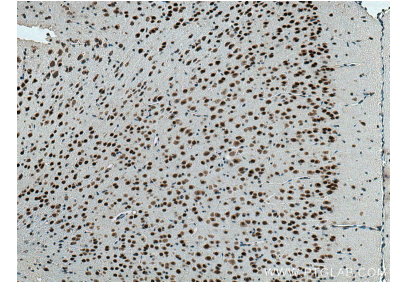
Selected Validation Data



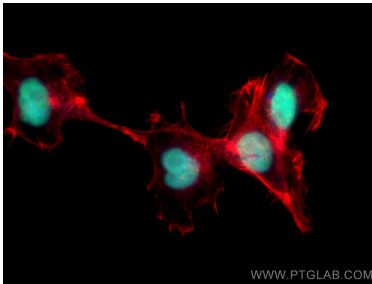
Various lysates were subjected to SDS PAGE followed by western blot with 67687-1-Ig (ANP32A antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67687-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67687-1-Ig (ANP32A antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67687-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67687-1-Ig (ANP32A antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67687-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using ANP32A antibody (67687-1-Ig, Clone: 2D8C5) at dilution of 1:400 and CoraLite® Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 67687-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using ANP32A antibody (67687-1-Ig, Clone: 2D8C5) at dilution of 1:800 and Multi-rAb CoraLite® Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002), CL594-Phalloidin (red). This data was developed using the same antibody clone with 67687-1-PBS in a different storage buffer formulation.