

For Research Use Only

PAN3 Polyclonal antibody, PBS Only

Catalog Number: 25655-1-PBS



Basic Information

Catalog Number:

25655-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22559

GenBank Accession Number:

BC128180

GeneID (NCBI):

255967

UNIPROT ID:

Q58A45

Full Name:

PAN3 poly(A) specific ribonuclease subunit homolog (S. cerevisiae)

Calculated MW:

887 aa, 96 kDa

Observed MW:

90-100kDa; 65-68 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

Shortening of the poly(A) tail in mRNA, called deadenylation, is the first rate-limiting step in mRNA turnover. PAN3 is the regulatory subunit of a cytoplasmic poly(A) nuclease complex that links the catalytic PAN2 subunit to the poly(A)-binding protein PABP, which stimulates PAN2-dependent deadenylation activity (PMID: 14583602). PAN3 has four isoforms, isoform1: 95 kDa; isoform2: 64 kDa, isoform3: 89 kDa and isoform4: 72 kDa. This antibody recognizes isoform 1/2/3.

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, pH7.3

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

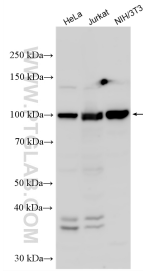
T: 4006900926

E: Proteintech-CN@ptglab.com

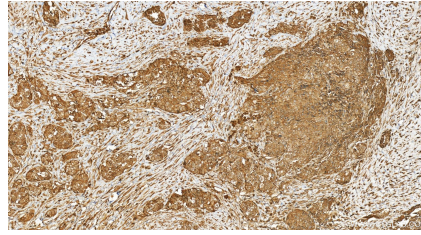
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25655-1-AP (PAN3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 25655-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 25655-1-AP (PAN3 antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 25655-1-PBS in a different storage buffer formulation.