

For Research Use Only

PAN2 Polyclonal antibody

Catalog Number: 16427-1-AP

Featured Product

7 Publications



Basic Information

| | | | | | |
|---------------------------|------------|---------------------------|--|------------------------|---|
| Catalog Number: | 16427-1-AP | GenBank Accession Number: | BC024043 | Purification Method: | Antigen affinity purification |
| Concentration: | 400 ug/ml | GenID (NCBI): | 9924 | Recommended Dilutions: | WB: 1:500-1:1000 IHC: 1:200-1:800 IF/ICC: 1:200-1:800 |
| Source: | Rabbit | UNIPROT ID: | Q504Q3 | | |
| Isotype: | IgG | Full Name: | PAN2 poly(A) specific ribonuclease subunit homolog (S. cerevisiae) | | |
| Immunogen Catalog Number: | AG9670 | Calculated MW: | 1198 aa, 135 kDa | | |
| | | Observed MW: | 135 kDa | | |

Applications

| | | | |
|--|------------------------|--------------------|--|
| Tested Applications: | WB, IHC, IF/ICC, ELISA | Positive Controls: | |
| Cited Applications: | WB, IHC, IF, IP | WB: | NIH/3T3 cells, HepG2 cells |
| Species Specificity: | human, mouse, rat | IHC: | mouse heart tissue, human heart tissue, human kidney tissue, human placenta tissue, human testis tissue, human brain tissue, human liver tissue, human spleen tissue |
| Cited Species: | human, mouse | IF/ICC: | NIH/3T3 cells, |
| 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 |
|----------------|-----------|---------------------|-------------|
| Rebecca L Kow | 33184027 | Neurobiol Dis | IF |
| Shangda Yang | 29599486 | Nat Commun | WB,IHC,IF |
| Stefanie Jonas | 24880343 | Nat Struct Mol Biol | WB |

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

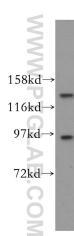
T: 4006900926

E: Proteintech-CN@ptglab.com

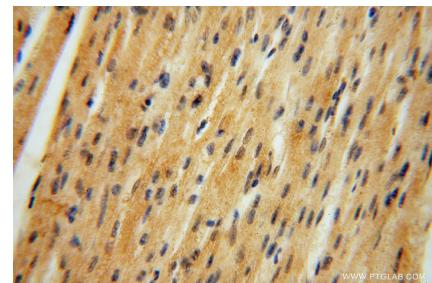
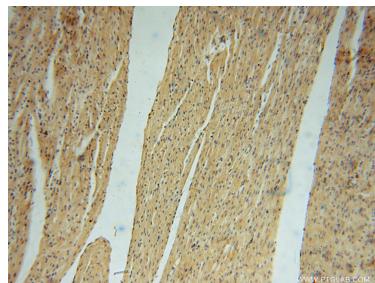
W: ptgcn.com

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

Selected Validation Data

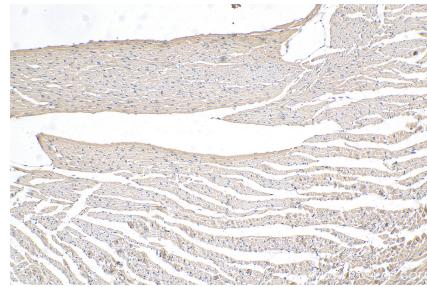
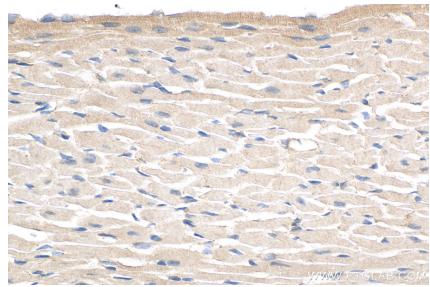


NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 16427-1-AP (PAN2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.

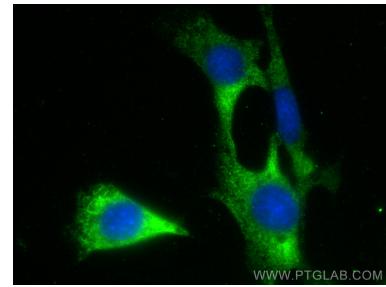


Immunohistochemical analysis of paraffin-embedded human heart using 16427-1-AP (PAN2 antibody) at dilution of 1:50 (under 10x lens).

Immunohistochemical analysis of paraffin-embedded human heart using 16427-1-AP (PAN2 antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 16427-1-AP (PAN2 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 16427-1-AP (PAN2 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

Immunofluorescent analysis of (-20°C Ethanol) fixed NIH/3T3 cells using PAN2 antibody (16427-1-AP) at dilution of 1:400 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).