

PPP1R8

Polyclonal ANTIBODY

Catalog Number: 16115-1-AP

Basic Information

| | | |
|--|--|---|
| Catalog Number: 16115-1-AP | GenBank Accession Number: BC013360 | Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200 IF 1:50-1:500 |
| Size: 55 µg/150 µl | GeneID (NCBI): 5511 | |
| Source: Rabbit | Full Name: protein phosphatase 1, regulatory (inhibitor) subunit 8 | |
| Isotype: IgG | Calculated MW: 209aa, 23 kDa | |
| Purification Method: Antigen affinity purification | Observed MW: 47 kDa, 28 kDa, 19 kDa | |
| Immunogen Catalog Number: AC9041 | | |

Applications

Tested Applications:

IF, IHC, WB, ELISA

Species Specificity:

human, mouse, rat

Note: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : PC-3 cells; HepG2 cells

IHC : human kidney tissue; human spleen tissue, human testis tissue

IF : HepG2 cells;

Background Information

PPP1R8, also named as ARD1, NIPP1, is a 351 amino acid protein, which has a basic N- and C-terminal and an acidic central domain. PPP1R8 is ubiquitously expressed, with highest levels in heart and skeletal muscle, followed by brain, placenta, lung, liver and pancreas. PPP1R8 has RNA-binding activity but does not cleave RNA and may target PP-1 to RNA-associated substrates and may also be involved in pre-mRNA splicing. PPP1R8 exists many isoforms and molecular weight of modified isoforms is about 18 kDa, 28 kDa and 47 kDa.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|--------|-----------|---------|-------------|
|--------|-----------|---------|-------------|

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

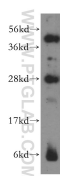
For technical support and original validation data for this product please contact:

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

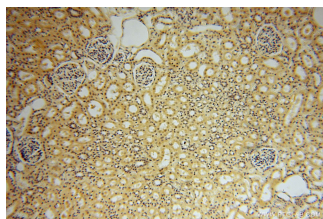
E: proteintech@ptglab.com
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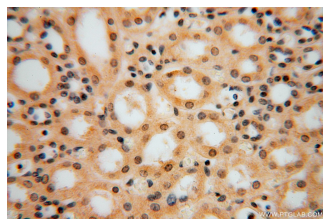
Selected Validation Data



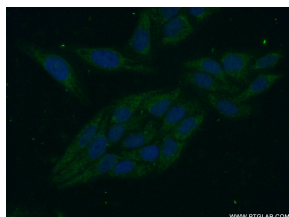
PC-3 cells were subjected to SDS PAGE followed by western blot with 16115-1-AP(PPP1R8 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours



Immunohistochemical of paraffin-embedded human kidney using 16115-1-AP(PPP1R8 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human kidney using 16115-1-AP(PPP1R8 antibody) at dilution of 1:50 (under 40x lens)



Immunofluorescent analysis of (-20) Ethanol) fixed HepG2 cells using 16115-1-AP(PPP1R8 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)