

For Research Use Only

# PPP1R9A Polyclonal antibody

Catalog Number: 18801-1-AP



## Basic Information

**Catalog Number:**

18801-1-AP

**Size:**

260 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

BC150636

**GeneID (NCBI):**

55607

**UNIPROT ID:**

Q9ULJ8

**Full Name:**

protein phosphatase 1, regulatory (inhibitor) subunit 9A

**Calculated MW:**

123 kDa

**Observed MW:**

180 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

IF 1:10-1:100

## Applications

**Tested Applications:**

IF/ICC, WB, ELISA

**Species Specificity:**

human, mouse, rat

**Positive Controls:**

WB : PC-3 cells,

IF : HepG2 cells, Hela cells

## Background Information

PPP1R9A, also named as KIAA1222 and NEB1, binds to actin filaments (F-actin) and shows cross-linking activity. PPP1R9A has been found to be concentrated in the synapse of developed neurons and in the lamellipodia of the growth cone during neuron development. PPP1R9A may be involved in neurite formation. PPP1R9A inhibits protein phosphatase 1-alpha activity.

## 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:

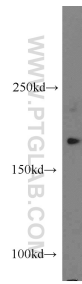
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

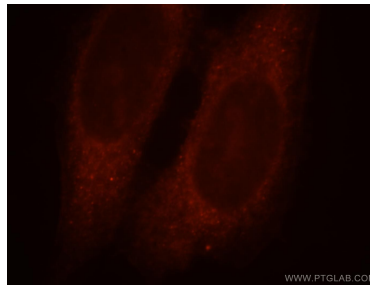
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## Selected Validation Data



PC-3 cells were subjected to SDS PAGE followed by western blot with 18801-1-AP (PPP1R9A antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using PPP1R9A antibody 18801-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).