

For Research Use Only

PPP1R1A Polyclonal antibody, PBS Only

Catalog Number: 12461-1-PBS



Basic Information

Catalog Number:

12461-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3128

GenBank Accession Number:

BC022470

GeneID (NCBI):

5502

UNIPROT ID:

Q13522

Full Name:

protein phosphatase 1, regulatory
(inhibitor) subunit 1A

Calculated MW:

171 aa, 19 kDa

Observed MW:

15-18 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, rat

Background Information

PPP1R1A, also known as protein phosphatase 1 regulatory subunit 1A, is a gene that plays a crucial role in regulating the activity of protein phosphatase 1 (PP1). As an inhibitor, PPP1R1A binds to PP1, preventing the dephosphorylation of PP1 to other proteins. This gene influences a broad range of cellular functions by maintaining the phosphorylation of specific proteins and is directly involved in glycogen metabolism, cardiac contractility, and cell proliferation. PPP1R1A is considered a key factor in regulating cellular signaling and physiological homeostasis.

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:

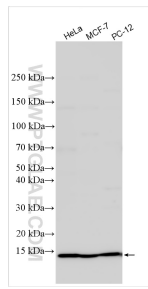
T: 4006900926

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 12461-1-AP (PPP1R1A antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 12461-1-PBS in a different storage buffer formulation.