

For Research Use Only

PPP1R3A Polyclonal antibody

Catalog Number: 22495-1-AP



Basic Information

Catalog Number:

22495-1-AP

Concentration:

700 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18013

GenBank Accession Number:

BC126453

GeneID (NCBI):

5506

UNIPROT ID:

Q16821

Full Name:

protein phosphatase 1, regulatory
(inhibitor) subunit 3A

Calculated MW:

1122 aa, 126 kDa

Observed MW:

110-130 kDa

Purification Method:

Antigen Affinity purified

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : Jurkat cells, THP-1 cells

IF/ICC : THP-1 cells,

Background Information

PPP1R3A (Protein Phosphatase 1 Regulatory Subunit 3A), also known as Protein Targeting to Glycogen (PTG), is a regulatory subunit of protein phosphatase 1 (PP1), a major serine/threonine phosphatase involved in metabolic regulation. It plays a crucial role in glycogen metabolism by targeting PP1 to glycogen particles, facilitating glycogen synthesis and breakdown. PPP1R3A is involved in muscle glycogen regulation (PMID: 24264575).

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:

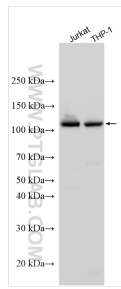
T: 4006900926

E: Proteintech-CN@ptglab.com

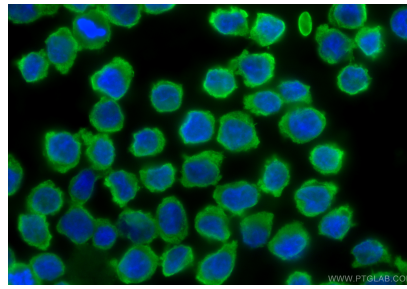
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 22495-1-AP (PPP1R3A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using PPP1R3A antibody (22495-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).