

For Research Use Only

# PPP1R3G Polyclonal antibody

Catalog Number:55389-1-AP



## Basic Information

Catalog Number:

55389-1-AP

Concentration:

800 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_001145115

GeneID (NCBI):

648791

UNIPROT ID:

B7ZBB8

Full Name:

protein phosphatase 1, regulatory  
(inhibitor) subunit 3G

Calculated MW:

38 kDa

Observed MW:

38-40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HepG2 cells, L02 cells

## Background Information

PPP1R3G (protein phosphatase 1 regulatory subunit 3G) is an important member of phosphatase 1 inhibitor -3 family, which is mainly expressed in liver and muscle and participates in glycogen synthesis and metabolism, insulin signaling pathway and lipid metabolism. PPP1R3G is the direct target of insulin -AKT signaling pathway. Insulin phosphorylates Ser79 site of PPP1R3G through AKT, which promotes its binding with GS, so that GS is dephosphorylated by PP1, thus enhancing glycogen synthesis.

## 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:

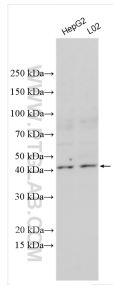
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 55389-1-AP (PPP1R3G antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.