

For Research Use Only

PNPLA1 Polyclonal antibody, PBS Only

Catalog Number:30905-1-PBS



Basic Information

Catalog Number:

30905-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34139

GenBank Accession Number:

BC103907

GeneID (NCBI):

285848

UNIPROT ID:

Q8N8W4

Full Name:

patatin-like phospholipase domain containing 1

Calculated MW:

532 aa, 58 kDa

Observed MW:

48kDa;58kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

Background Information

PNPLA1 is a member of the patatin-like phospholipase (PNPLA) family. PNPLAs are highly conserved enzymes of prokaryotic and eukaryotic organisms that play an important role in lipid homeostasis. PNPLA1 has been identified as an essential transacylase for acylceramide biosynthesis to maintain the epidermal permeability barrier (PMID: 30290227). It is mainly expressed in the skin and has 3 isoforms with MW of 58, 48 and 49 kDa.

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:

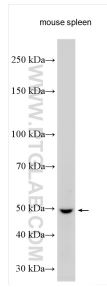
T: 4006900926

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



mouse spleen tissue were subjected to SDS PAGE followed by western blot with 30905-1-AP (PNPLA1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 30905-1-PBS in a different storage buffer formulation.