

For Research Use Only

PLIN4 Polyclonal antibody, PBS Only

Catalog Number: 55404-1-PBS



Basic Information

Catalog Number:

55404-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001080400

GeneID (NCBI):

729359

UNIPROT ID:

Q96Q06

Full Name:

KIAA1881

Calculated MW:

141 kDa

Observed MW:

141 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

Background Information

PLIN4 (Perilipin 4) is a member of the perilipin family, a group of proteins that coat lipid droplets in adipocytes, the fatty tissue cells responsible for storing fat. The proteins in the Perilipin family are crucial regulators of lipid storage. PLIN4 expression is elevated in obese animals and humans. Plin4 is a lipid droplet protein (LDP) found predominantly in white adipose tissue (PMID: 23423172). It has lower expression in the heart, skeletal muscle, and brown adipose tissue (PMID: 17878492).

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:

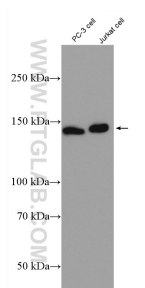
T: 4006900926

E: Proteintech-CN@ptglab.com

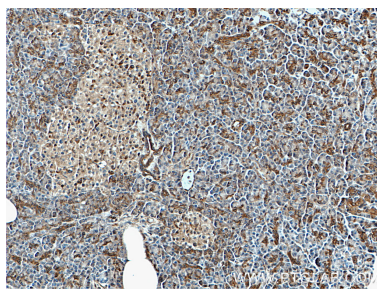
W: ptgcn.com

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

Selected Validation Data



PC-3 cells and Jurkat cells were subjected to SDS PAGE followed by western blot with 55404-1-AP (S3-12 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 55404-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 55404-1-AP (S3-12 antibody) at dilution of 1:200 (under 10x lens). This data was developed using the same antibody clone with 55404-1-PBS in a different storage buffer formulation.