

For Research Use Only

GPAT3 Polyclonal antibody

Catalog Number: 30765-1-AP



Basic Information

Catalog Number:

30765-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33717

GenBank Accession Number:

Glycerol-3-phosphate acyltransferase
3

GeneID (NCBI):

84803

UNIPROT ID:

Q53EU6

Full Name:

1-acylglycerol-3-phosphate O-
acyltransferase 9

Calculated MW:

49 kDa

Observed MW:

40-45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

Human

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Positive Controls:

WB: A549 cells, HeLa cells, A375 cells, Jurkat cells,
MKN-45 cells

IHC: mouse liver tissue, mouse kidney tissue

Background Information

GPAT3 is a member of the lysophosphatidic acid acyltransferase protein family. GPAT3 is an enzyme that catalyzes the conversion of glycerol-3-phosphate to lysophosphatidic acid in the synthesis of triacylglycerol.

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:

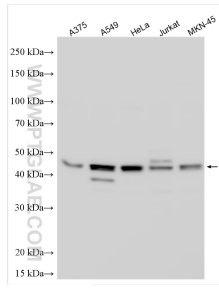
T: 4006900926

E: Proteintech-CN@ptglab.com

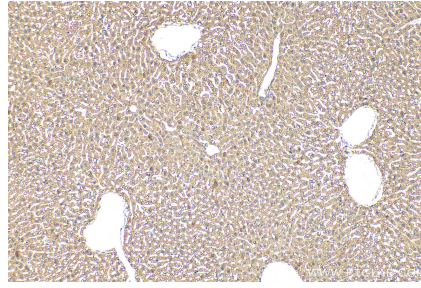
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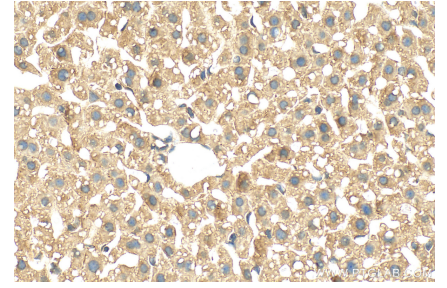
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30765-1-AP (GPAT3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 30765-1-AP (GPAT3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 30765-1-AP (GPAT3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).