

For Research Use Only

GPAT3 Polyclonal antibody

Catalog Number: 30765-1-AP



Basic Information

Catalog Number: 30765-1-AP	GenBank Accession Number: Glycerol-3-phosphate acyltransferase 3	Purification Method: Antigen affinity purification
Size: 500 ug/ml	GeneID (NCBI): 84803	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q53EU6	
Isotype: IgG	Full Name: 1-acylglycerol-3-phosphate O-acyltransferase 9	
Immunogen Catalog Number: AG33717	Calculated MW: 49 kDa	
	Observed MW: 40-45 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human	WB : A549 cells, HeLa cells, HT-1080 cells, A375 cells, Jurkat cells, MKN-45 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse liver tissue, mouse kidney tissue

Background Information

GPAT3, also known as AGPAT9, 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:

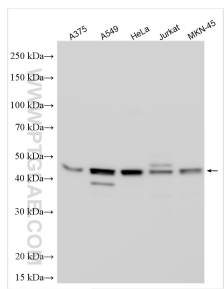
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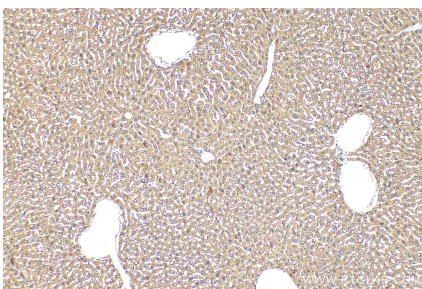
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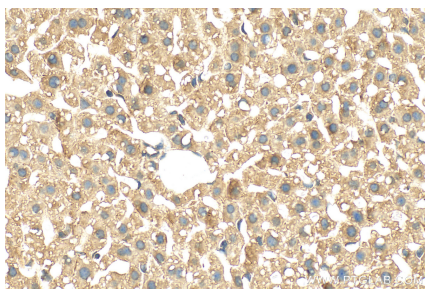
Selected Validation Data



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).