

For Research Use Only

LPCAT3 Monoclonal antibody, PBS Only



Catalog Number: 67882-1-PBS

Basic Information

Catalog Number: 67882-1-PBS	GenBank Accession Number: BC065194	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 10162	CloneNo.: 1C1G3
Source: Mouse	UNIPROT ID: Q6P1A2	
Isotype: IgG1	Full Name: lysophosphatidylcholine acyltransferase 3	
Immunogen Catalog Number: AG6472	Calculated MW: 56 kDa	
	Observed MW: 52 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
Human, mouse, pig

Background Information

Lysophosphatidylcholine acyltransferases (LPCATs) are among the lysophospholipid acyltransferases (LPLATs) that play an important role in lipid metabolism and homeostasis by regulating the abundance of different phosphatidylcholine (PC) species. Lysophosphatidylcholine acyltransferase 3 (LPCAT3) is a member of the LPCAT family that primarily regulates the levels of arachidonic PC species. LPCAT3 is abundantly expressed in the testes, kidneys and metabolic tissues, including liver, intestine and adipose tissues. LPCAT3 is involved in the occurrence and development of atherosclerosis, intestinal tumors, and nonalcoholic steatohepatitis (NASH)(PMID: 35711841).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

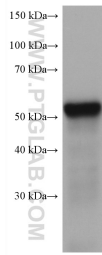
T: 4006900926

E: Proteintech-CN@ptglab.com

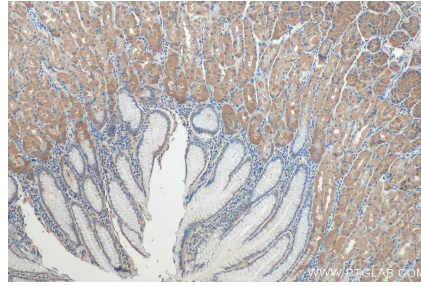
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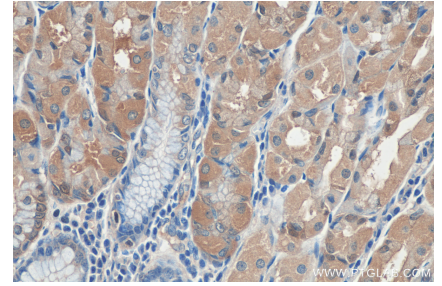
Selected Validation Data



mouse stomach tissue were subjected to SDS PAGE followed by western blot with 67882-1-Ig (LPCAT3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67882-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 67882-1-Ig (LPCAT3 antibody) at dilution of 1:300 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67882-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 67882-1-Ig (LPCAT3 antibody) at dilution of 1:300 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67882-1-PBS in a different storage buffer formulation.