LPAAT-θ rabbit pAb

Cat#: orb770655 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	LPAAT-θ rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human AGPAT9. AA range:381-430
Specificity	LPAAT-θ Polyclonal Antibody detects endogenous levels of LPAAT-θ protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Glycerol-3-phosphate acyltransferase 3
Gene Name	AGPAT9
Cellular localization	Endoplasmic reticulum membrane ; Multi-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

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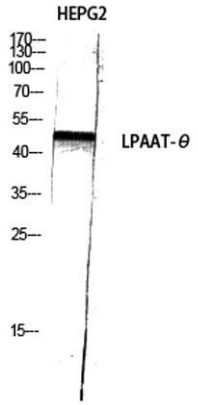
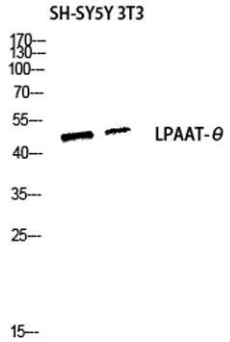
Concentration	1 mg/ml
Observed band	48kD
Human Gene ID	84803
Human Swiss-Prot Number	Q53EU6
Alternative Names	AGPAT9; GPAT3; MAG1; HMFN0839; Glycerol-3-phosphate acyltransferase 3; GPAT-3; 1-acylglycerol-3-phosphate O-acyltransferase 9; 1-AGP acyltransferase 9; 1-AGPAT 9; Acyl-CoA:glycerol-3-phosphate acyltransferase 3; hGPAT3; Lung cancer metastas
Background	This gene encodes a member of the lysophosphatidic acid acyltransferase protein family. The encoded protein is an enzyme which catalyzes the conversion of glycerol-3-phosphate to lysophosphatidic acid in the synthesis of triacylglycerol. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jan 2012],



Western Blot analysis of HEPG2 using LPAAT-θ Polyclonal Antibody diluted at 1:1000



Western blot analysis of SH-SY5Y 3T3 lysis using LPAAT-θ antibody. Antibody was diluted at 1:1000

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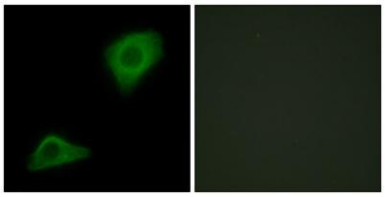
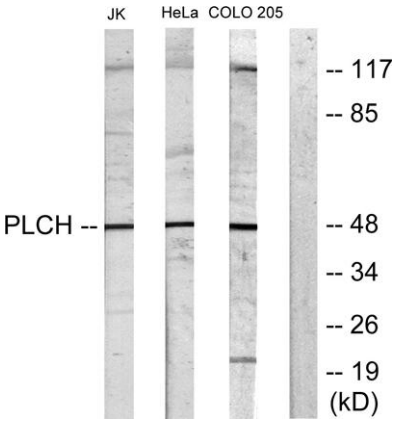


Immunofluorescence analysis of HepG2 cells, using PLCH Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat cells, COLO205 cells, HeLa cells, and HUVEC cells, using PLCH Antibody. The lane on the right is blocked with the synthesized peptide.

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