BT LAB
Bioassay Technology Laboratory
Optimize Your Research

LPAAT-Theta Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05055
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human AGPAT9. AA range:381-430
Mol wt	48705
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	LPAAT-theta Antibody
Synonyms	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 acyltra

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

GPAT3 (glycerol-3-phosphate acyltransferase 3) 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.

Recommended Dilution

WB: 1: 500 - 1: 2000

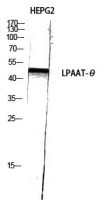
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

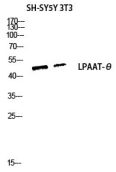
ELISA: 1: 10000

Not yet tested in other applications.

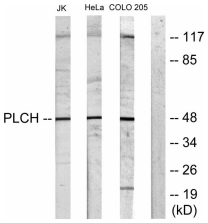
Images



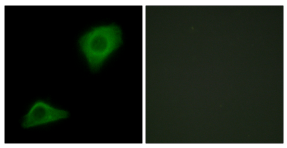
Western Blot analysis of HEPG2 using LPAAT-θ Polyclonal Antibody diluted at 1:1000



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



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.



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

Storage

-20°C for one year

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