

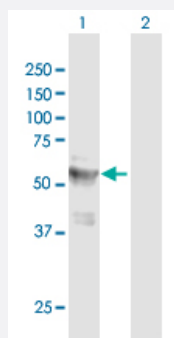
MaxPab®

LPCAT4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00254531-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of LPCAT4 expression in transfected 293T cell line ([H00254531-T01](#)) by LPCAT4 MaxPab polyclonal antibody.

Lane 1: AGPAT7 transfected lysate(57.64 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human LPCAT4 protein.

Immunogen

LPCAT4 (NP_705841.2, 1 a.a. ~ 524 a.a) full-length human protein.

Sequence

MSQGSPGDWAPLDPTPGPPASPNPFVHELHLSRLQRVKFCLLGALLAPIRVLLAFIVLFLLWPFA
WLQVAGLSEELQEPITGWRKTVCHNGVLGLSRLFFLLGFLRIRVRGQRASRLQAPVLVAAPHS
TFFDPMILLPCDLPKVVSRAENLSVPVIGALLRFNQAILVSRHDPASRRRVVEEVRRRATSGGKW
PQVLFFPEGTCSNKKALLKFKPGAFIAGVPVQPVLI RYPNSLDTTSWAWRGPGVLKVLWLTASQP
CSVDVEFLPVYHPSPEESRDPTLYANNVQRVMAQALGIPATECEFGSLPVMVGRLLKVALEPQL
WELGKVLRLKAGLSAGYVDAGAEPGRSRMISQEEFARQLQLSDPQTVAGAFGYFQQDTKGLVDF
RDVALALAAALDGGRSLEELTRLAFELFAEEQAEGPNRLLYKDGFSSTLHLLGSPHPAATALHAEL
CQAGSSQGLSLCQFQNFSLHDPYLGKLFSTYLRPPHTSRGTSQTPNASSPGNPTALANGTVQAP
KQKGD

Host

Mouse

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — LPCAT4

Entrez GeneID [254531](#)

GeneBank Accession# [NM_153613.2](#)

Protein Accession# [NP_705841.2](#)

Gene Name LPCAT4

Gene Alias AGPAT7, AYTL3, FLJ10257, LPAAT-eta, LPEAT2

Gene Description lysophosphatidylcholine acyltransferase 4

Gene Ontology [Hyperlink](#)

Gene Summary Members of the 1-acylglycerol-3-phosphate O-acyltransferase (EC 2.3.1.51) family, such as AGPAT7, catalyze the conversion of lysophosphatidic acid (LPA) to phosphatidic acid (PA), a precursor in the biosynthesis of all glycerolipids. Both LPA and PA are involved in signal transduction (Ye et al., 2005 [PubMed 16243729]).[supplied by OMIM]

Other Designations 1-acylglycerol-3-phosphate O-acyltransferase 7 (lysophosphatidic acid acyltransferase, eta)|PLS C domain containing protein|acyl-CoA:lysophosphatidylethanolamine acyltransferase 2|acyltransferase like 3|lysophosphatidylethanolamine acyltransferase 2