

DNAxPAb

Hard-to-Find
Antibody

LPCAT4 DNAxPab

Catalog # H00254531-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human LPCAT4 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSQGSPGDWAPLDPTPGPPASPNPFVHELHLSRLQRVKFCLLGALLAPIRVLLAFIVLFLWPFA WLQVAGLSEELQEPITGWRKTVCHNGVLGLSRLFFLLGFLRIRVRGQRASRLQAPVLVAAPHS TFFDPVLLPCDLPKVVSRANLSVPVIGALLRFNQAILVSRHDPASRRRVVEVRRRATSGGKW PQVLFFPEGTC SNKKALLKFKPGAFIAGVPVQPVLI RYPNSLDTTSWAWRGPGVLKVLWLTASQP CSVDVEFLPVYHPSPEESRDPTLYANNVQRVMAQALGIPATECEFGSLPVMVGRKVALEPQL WELGKVL RKAGLSAGYVDAGAEPGRSRMISQEEFARQLQLSDPQTVAGAFGYFQQDTKGLVDF RDVALALAA LDGGRSLEELTRLAFELFAEEQAEGPNRLLYKDG FSTILHLLGSPHPAATALHAEL CQAGSSQGLSLCQFQNFSLHDP LYGKLFSTYLRPPHTSRGTSQTPNASSPGNPTALANGTVQAP KQKGD
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

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