

AGPAT4 rabbit monoclonal antibody

Catalog # H00056895-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human AGPAT4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human AGPAT4 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human AGPAT4 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — AGPAT4

Entrez GeneID	56895
GeneBank Accession#	AGPAT4
Gene Name	AGPAT4
Gene Alias	1-AGPAT4, LPAAT-delta, dJ473J16.2
Gene Description	1-acylglycerol-3-phosphate O-acyltransferase 4 (lysophosphatidic acid acyltransferase, delta)
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the 1-acylglycerol-3-phosphate O-acyltransferase family. This integral membrane protein converts lysophosphatidic acid to phosphatidic acid, the second step in de novo phospholipid biosynthesis. [provided by RefSeq]
Other Designations	1-AGP acyltransferase 4 1-acyl-sn-glycerol-3-phosphate acyltransferase delta 1-acylglycerol-3-phosphate O-acyltransferase 4 OTTHUMP00000017554 lysophosphatidic acid acyltransferase-delta (LPAAT-delta)

Pathway

- [Ether lipid metabolism](#)
- [Glycerolipid metabolism](#)
- [Glycerophospholipid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Tobacco Use Disorder](#)