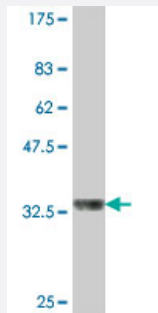


# AGPAT3 polyclonal antibody (A01)

Catalog # H00056894-A01

Size 50 uL

## Applications



Western Blot detection against Immunogen (37.66 KDa) .

## Specification

<b>Product Description</b>	Mouse polyclonal antibody raised against a partial recombinant AGPAT3.
<b>Immunogen</b>	AGPAT3 (NP_064517, 155 a.a. ~ 259 a.a) partial recombinant protein with GST tag.
<b>Sequence</b>	VVEGLRRLSDYPEYMWFLLYCEGTRFTETKHRVSMEVAAAKGLPVLKYHLLPRTKGFTTAVKCLR GTVAAYVDVTLNFRGNKNPSLLGILYGKKYEADMCVRRFP
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.66 KDa) .
<b>Storage Buffer</b>	50 % glycerol
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — AGPAT3

Entrez GeneID [56894](#)

GeneBank Accession# [NM\\_020132](#)

Protein Accession# [NP\\_064517](#)

Gene Name AGPAT3

Gene Alias LPAAT-GAMMA1, MGC4604

Gene Description 1-acylglycerol-3-phosphate O-acyltransferase 3

Gene Ontology [Hyperlink](#)

**Gene Summary** The protein encoded by this gene is an acyltransferase that converts lysophosphatidic acid into phosphatidic acid, which is the second step in the de novo phospholipid biosynthetic pathway. The encoded protein may be an integral membrane protein. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

**Other Designations** 1-AGP acyltransferase 3|1-acyl-sn-glycerol-3-phosphate acyltransferase gamma|OTTHUMP00000109479|OTTHUMP00000109480|OTTHUMP00000109482|lysophosphatidic acid acyltransferase-gamma1

## Pathway

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

## Disease

- [Tobacco Use Disorder](#)