

DNAXPab

Hard-to-Find
Antibody

AGPAT1 DNAXPab

Catalog # H00010554-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human AGPAT1 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MDLWPGAWMLLLLLFLLLLFLLPTLWFCSPSAKYFFKMAFYNGWILFLAVLAIPVCAVRGRNVEN MKILRLMLLHIKYL YGIRVEVRGAHHFPPSQPYVVSNHQSSDLLGMMEVLPGRCVPIAKRELLW AGSAGLACWLAGVIFIDRKRTGDAISVMSEVAQTLLTQDVRVWVFPEGTRNHNGSMLPFKRGAF HLAVQAQVPVPIVMSSYQDFYCKKERRFTSGQCQVRVLPVPTEGLTPDDVPALADRVRHSMILT VFREISTDGRGGGDYLLKKPGGGG
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 — AGPAT1

Entrez GeneID	10554
GeneBank Accession#	NM_006411.2
Protein Accession#	NP_006402.1
Gene Name	AGPAT1
Gene Alias	1-AGPAT1, G15, LPAAT-alpha, LPAATA, MGC4007, MGC5423
Gene Description	1-acylglycerol-3-phosphate O-acyltransferase 1 (lysophosphatidic acid acyltransferase, alpha)
Omim ID	603099
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an enzyme that converts lysophosphatidic acid (LPA) into phosphatidic acid (PA). LPA and PA are two phospholipids involved in signal transduction and in lipid biosynthesis in cells. This enzyme localizes to the endoplasmic reticulum. This gene is located in the class III region of the human major histocompatibility complex. Alternative splicing results in two transcript variants encoding the same protein. [provided by RefSeq]
Other Designations	1-AGP acyltransferase 1 1-acylglycerol-3-phosphate O-acyltransferase 1 1-acylglycerol-3-phosphate O-acyltransferase 1 (acetoacetyl Coenzyme A thiolase) OTTHUMP00000029298 OTTHUMP00000029299 OTTHUMP00000029300 OTTHUMP00000029301 OTTHUMP00000029302 OTTHUMP0

Pathway

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

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)

- [Lupus Erythematosus](#)
- [Obesity](#)