

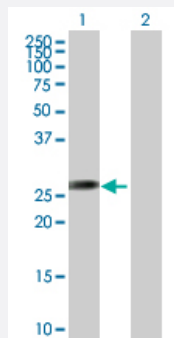
MaxPab®

AGPAT1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00010554-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of AGPAT1 expression in transfected 293T cell line ([H00010554-T01](#)) by AGPAT1 MaxPab polyclonal antibody.

Lane 1: AGPAT1 transfected lysate (31.24 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human AGPAT1 protein.
Immunogen	AGPAT1 (AAH02402, 1 a.a. ~ 283 a.a) full-length human protein.
Sequence	MDLWPGAWMLLLLLFLLLLFLLPTLWFCSPSAKYFFKMAFYNGWILFLAVLAIPVCAVRGRNVEN MKILRLMLLHIKLYGIRVEVRGAHHFPPSQPYVVSNHQSSLDLLGMMEVLPGRCPVIAKRELLW AGSAGLACWLAGVIFIDRKRTGDAISVMSEVAQTLTQDVRVWVFPEGTRNHNGSMLPFKRGAF HLAVQAQVPVPIVMSSYQDFYCKKERRFTSGQCQVRVLPVPTEGLTPDDVPALADRVRHSMILT VFREISTDGRGGGDYLLKPGGGG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (92)
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 — AGPAT1

Entrez GeneID	10554
GeneBank Accession#	BC002402
Protein Accession#	AAH02402
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](#)