

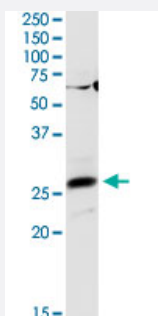
MaxPab®

AGPAT2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00010555-D01P

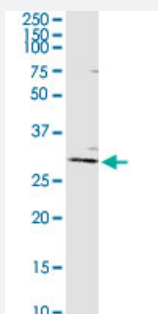
Size 100 ug

Applications



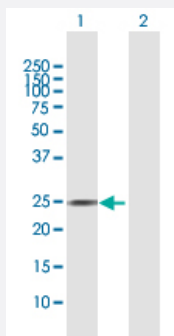
Western Blot (Tissue lysate)

AGPAT2 MaxPab rabbit polyclonal antibody. Western Blot analysis of AGPAT2 expression in human kidney.



Western Blot (Cell lysate)

AGPAT2 MaxPab rabbit polyclonal antibody. Western Blot analysis of AGPAT2 expression in HeLa.



Western Blot (Transfected lysate)

Western Blot analysis of AGPAT2 expression in transfected 293T cell line ([H00010555-T01](#)) by AGPAT2 MaxPab polyclonal antibody.

Lane 1: AGPAT2 transfected lysate(30.90 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human AGPAT2 protein.

Immunogen	AGPAT2 (NP_006403.2, 1 a.a. ~ 278 a.a) full-length human protein.
Sequence	MELWPCLAAALLLLLLLVQLSRAAEFYAKVALYCALCFTVSAVASLVCLLRHGGRTVENMSIIGWF VRSFKYFYGLRFEVRDPRRLQEARPCVIVSNHQSILDMMGLMEVLPERCVQIAKRELLFLGPVGLI MYLGGVFFINRQRSSTAMTVMADLGERMVRENKVVWYPEGTRNDNGDLLPFKKGAFYLAVQAAQ VPVPPVYSSFSSFYNTKKKFFTSGTVTVQVLEAIPTSGLTAADVPALVDTCHRAMRTTFLHISKTP QENGATAGSGVQPAQ
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (76); Rat (75)
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 (Tissue lysate)

AGPAT2 MaxPab rabbit polyclonal antibody. Western Blot analysis of AGPAT2 expression in human kidney.

[Protocol Download](#)

- Western Blot (Cell lysate)

AGPAT2 MaxPab rabbit polyclonal antibody. Western Blot analysis of AGPAT2 expression in HeLa.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of AGPAT2 expression in transfected 293T cell line ([H00010555-T01](#)) by AGPAT2 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — AGPAT2

Entrez GeneID

[10555](#)

GeneBank Accession#	NM_006412.3
Protein Accession#	NP_006403.2
Gene Name	AGPAT2
Gene Alias	1-AGPAT2, BSCL, BSCL1, LPAAB, LPAAT-beta
Gene Description	1-acylglycerol-3-phosphate O-acyltransferase 2 (lysophosphatidic acid acyltransferase, beta)
Omim ID	603100 608594
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the 1-acylglycerol-3-phosphate O-acyltransferase family. The protein is located within the endoplasmic reticulum membrane and converts lysophosphatidic acid to phosphatidic acid, the second step in de novo phospholipid biosynthesis. Mutations in this gene have been associated with congenital generalized lipodystrophy (CGL), or Berardinelli-Seip syndrome, a disease characterized by a near absence of adipose tissue and severe insulin resistance. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]
Other Designations	1-AGP acyltransferase 2 1-acyl-sn-glycerol-3-phosphate acyltransferase beta 1-acylglycerol-3-phosphate O-acyltransferase 2 1-acylglycerol-3-phosphate O-acyltransferase 2 (lysophosphatidic acid acyltransferase-beta) OTTHUMP00000022595 OTTHUMP00000022596 ly

Pathway

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