

Rabbit anti-Human, Pig AGPAT2 Polyclonal Antibody | anti-AGPAT2 antibody

AGPAT2 antibody - C-terminal region

CATALOG # AAA199470	HOST Rabbit	REACTIVITY Human, Pig	APPLICATIONS Western Blot
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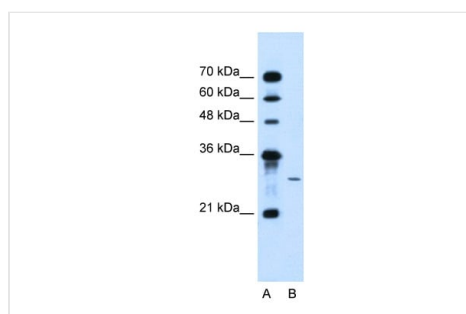
PRODUCT SYNONYMS

AGPAT2; Polyclonal Antibody; AGPAT2 antibody - C-terminal region; anti-AGPAT2 antibody

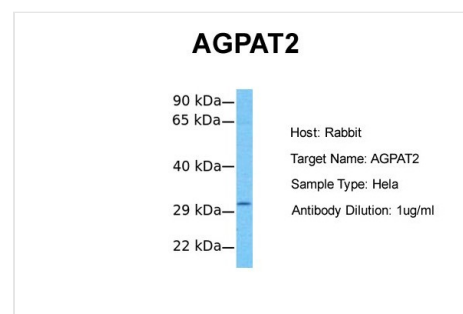
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Pig
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LE AIPTSGLTAA DVPALVDTC RAMRTTFLHI SKTPQENGAT AGSGVQPA
Sequence Length	246
Applicable Applications for anti-AGPAT2 antibody	WB (Western Blot)
Homology	Human: 100%; Pig: 91%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human AGPAT2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-AGPAT2 Antibody Titration: 5.0ug/ml Positive Control: Jurkat cell lysate


WB (Western Blot)

Host: Rabbit Target Name: AGPAT2 Sample Tissue: Human Hela Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-AGPAT2 antibody	This is a rabbit polyclonal antibody against AGPAT2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: AGPAT2 is 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 its 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. 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.
Product Categories/Family for anti-AGPAT2 antibody	Polyclonal; Membrane Protein; Drugs and Drug Metabolism; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	69122971
NCBI GeneID	10555
NCBI Accession #	NP_001012745
NCBI GenBank Nucleotide #	NM_001012727
UniProt Accession #	Q5VUD3; O15120
Molecular Weight	27kDa
NCBI Official Full Name	1-acyl-sn-glycerol-3-phosphate acyltransferase beta isoform b
NCBI Official Synonym Full Names	1-acylglycerol-3-phosphate O-acyltransferase 2
NCBI Official Symbol	AGPAT2
NCBI Official Synonym Symbols	BSCL; BSCL1; LPAAB; 1-AGPAT2; LPAAT-beta
NCBI Protein Information	1-acyl-sn-glycerol-3-phosphate acyltransferase beta

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/agpat2-antibody-western-blot-elisa/199470>