

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

AGPAT2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279514	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

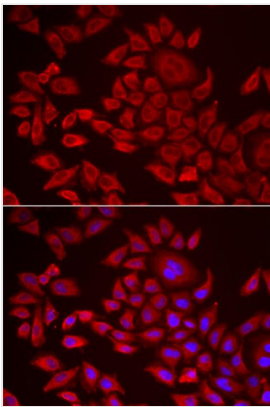
PRODUCT SYNONYMS

AGPAT2; Polyclonal Antibody; AGPAT2 Polyclonal Antibody; BSCL; BSCL1; LPAAB; 1-AGPAT2; LPAAT-beta; anti-AGPAT2 antibody

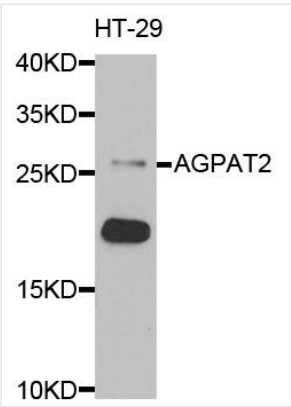
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	278
Applicable Applications for anti-AGPAT2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human AGPAT2
Calculated Molecular Weight	30kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells using AGPAT2 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of HT-29 cells, using AGPAT2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-AGPAT2 antibody	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

NCBI AND UNIPROT INFORMATION

NCBI GI #	3914362
NCBI GeneID	10555
UniProt Accession #	O15120; O00516; O15106; Q5VUD3; Q5VUD4; Q9BSV7; Q9BWR7
Molecular Weight	278
NCBI Official Full Name	1-acyl-sn-glycerol-3-phosphate acyltransferase beta
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; 1-AGPAT 2; 1-AGP acyltransferase 2; lysophosphatidic acid acyltransferase beta; lysophosphatidic acid acyltransferase-beta; 1-acylglycerol-3-phosphate O-acyltransferase 2 (lysophosphatidic acid acyltransferase, beta)
UniProt Protein Name	1-acyl-sn-glycerol-3-phosphate acyltransferase beta
UniProt Gene Name	AGPAT2
UniProt Synonym Gene Names	1-AGP acyltransferase 2; 1-AGPAT 2; LPAAT-beta
UniProt Entry Name	PLCB_HUMAN

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://stage.aaabiotech.com/polyclonal/agpat2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/279514>