

Rabbit AGPAT2 Polyclonal Antibody | anti-AGPAT2 antibody

AGPAT2 antibody - C-terminal region

CATALOG # AAA199469	HOST Rabbit	REACTIVITY Cow, Dog, Horse, Human, Yeast	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

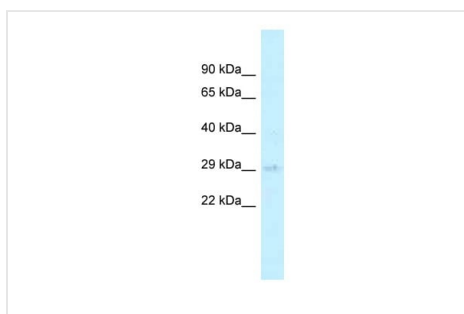
PRODUCT SYNONYMS

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

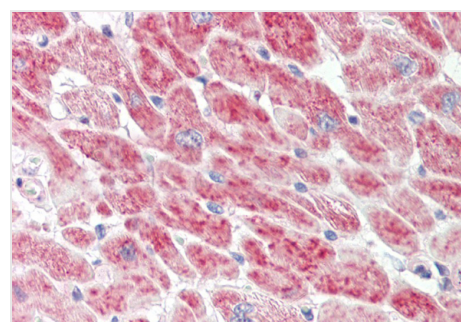
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Yeast
Clonality	Polyclonal
Purity/Purification	Affinity 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: QV PIVPVVYSSF SSFYNTKKKF FTSGTVTVQV LEAIPTSGLT AADVPALV
Sequence Length	278
Applicable Applications for anti-AGPAT2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 85%; Dog: 92%; Horse: 77%; Human: 100%; Yeast: 91%
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.

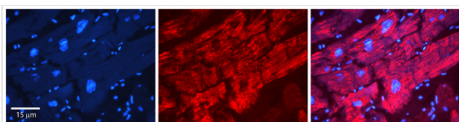
IMAGES


WB (Western Blot)

WB Suggested Anti-AGPAT2 Antibody Titration: 1.0 ug/ml Positive Control: 721_B Whole Cell


IHC (Immunohistochemistry)

Rabbit Anti-AGPAT2 antibody Formalin Fixed Paraffin Embedded Tissue: Human Adult Heart
Observed Staining: Cytoplasm in hepatocytes
Primary Antibody Concentration: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec



IHC (Immunohistochemistry)

Rabbit Anti-AGPAT2 Antibody
 Formalin Fixed Paraffin Embedded Tissue: Human heart
 Observed Staining: Cytoplasmic
 Primary Antibody Concentration: N/A
 Other Working Concentrations: 1:600
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-AGPAT2 antibody	This is a rabbit polyclonal antibody against AGPAT2. It was validated on Western Blot 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.
Product Categories/Family for anti-AGPAT2 antibody	Polyclonal; Transcription Factor; Cancer; Transcription Regulation; Drugs and Drug Metabolism; Cell Biology; Developmental Biology; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	6041665
NCBI GeneID	10555
NCBI Accession #	NP_006403
NCBI GenBank Nucleotide #	NM_006412
UniProt Accession #	O15120
Molecular Weight	31kDa
NCBI Official Full Name	1-acyl-sn-glycerol-3-phosphate acyltransferase beta isoform a
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/agpat2-antibody-immunohistochemistry-western-blot-elisa/199469>