

Rabbit AGPAT9 Polyclonal Antibody | anti-AGPAT9 antibody

AGPAT9 Antibody (Center)

CATALOG # AAA283759	HOST Rabbit	REACTIVITY Human, mouse (Predicted Reactivity: Rat)	APPLICATIONS ELISA, Western Blot
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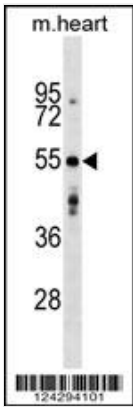
PRODUCT SYNONYMS

AGPAT9; Polyclonal Antibody; AGPAT9 Antibody (Center); Glycerol-3-phosphate acyltransferase 3; GPAT-3; 1-acyl-sn-glycerol-3-phosphate O-acyltransferase 10; AGPAT 10; 1-acyl-sn-glycerol-3-phosphate O-acyltransferase 9; 1-AGP acyltransferase 9; 1-AGPAT 9; Acyl-CoA:glycerol-3-phosphate acyltransferase 3; hGPAT3; Lung cancer metastasis-associated protein 1; Lysophosphatidic acid acyltransferase theta; LPAAT-theta; MAG-1; GPAT3; MAG1; anti-AGPAT9 antibody

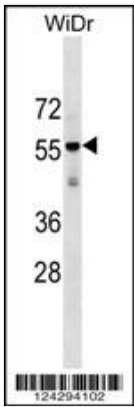
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This AGPAT9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 194-222 amino acids from the Central region of human AGPAT9.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	194-222
Sequence Length	434
Applicable Applications for anti-AGPAT9 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
AGPAT9 Antibody (Center) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the AGPAT9 antibody detected the AGPAT9 protein (arrow).



WB (Western Blot)
AGPAT9 Antibody (Center) western blot analysis in WiDr cell line lysates (35ug/lane).This demonstrates the AGPAT9 antibody detected the AGPAT9 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-AGPAT9 antibody	Glycerol-3-phosphate (G3P) acyltransferases (GPAT; EC 2.3.1.15), such as GPAM (MIM 602395) and GPAT3, catalyze the initial step of de novo triacylglycerol (TAG) synthesis by converting glycerol-3-phosphate (G3P) to lysophosphatidic acid (LPA) (Cao et al., 2006 [PubMed 17170135]).
Product Categories/Family for anti-AGPAT9 antibody	Cancer; Signal Transduction
References	Shan, D., et al. J. Lipid Res. 51(7):1971-1981(2010) Cao, J., et al. Proc. Natl. Acad. Sci. U.S.A. 103(52):19695-19700(2006) Tang, W., et al. J. Biochem. Mol. Biol. 39(5):626-635(2006) Yamada, S., et al. Oncogene 23(35):5901-5911(2004) Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	374088031
NCBI GeneID	84803
NCBI Accession #	NP_001243350.1; NP_001243351.1; NP_116106.2
NCBI GenBank Nucleotide #	NM_001256421.1
UniProt Accession #	Q53EU6; Q68CJ4; Q6GPI6; Q96NA3
Molecular Weight	48705
NCBI Official Full Name	glycerol-3-phosphate acyltransferase 3
NCBI Official Synonym Full Names	1-acylglycerol-3-phosphate O-acyltransferase 9
NCBI Official Symbol	AGPAT9
NCBI Official Synonym Symbols	MAG1; GPAT3; AGPAT8; AGPAT 10; HMFN0839; LPAAT-theta
NCBI Protein Information	glycerol-3-phosphate acyltransferase 3
UniProt Protein Name	Glycerol-3-phosphate acyltransferase 3
UniProt Gene Name	AGPAT9
UniProt Synonym Gene Names	GPAT3; MAG1; GPAT-3; AGPAT 10; 1-AGP acyltransferase 9; 1-AGPAT 9; hGPAT3; LPAAT-theta

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/agpat9-antibody-western-blot-elisa/283759>