

Rabbit AGPAT3 Polyclonal Antibody | anti-AGPAT3 antibody

Anti-AGPAT3 Antibody (aa121-170) IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52640	Rabbit	Mouse, Rat, Human	ELISA, Western Blot, Immunohistochemistry

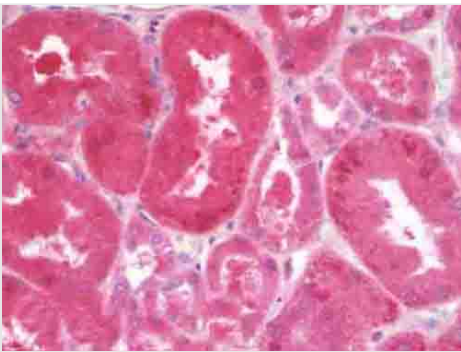
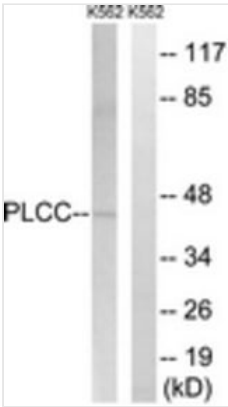
PRODUCT SYNONYMS

AGPAT3; Polyclonal Antibody; Anti-AGPAT3 Antibody (aa121-170) IHC-plus; Rabbit Polyclonal (IgG) to Human AGPAT3; Human AGPAT3; 1-AGP acyltransferase 3; 1-AGPAT 3; LPAAT3; LPAAT-gamma; LPAAT-GAMMA1; anti-AGPAT3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat, Human
Clonality	Polyclonal
Isotype	IgG
Specificity	AGPAT3 Antibody detects endogenous levels of total AGPAT3 protein.
Purity/Purification	Immunoaffinity purified
Form/Format	PBS (without Mg ²⁺ , Ca ²⁺), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	376
Applicable Applications for anti-AGPAT3 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	AGPAT3 antibody was raised against synthetic peptide from human AGPAT3 (aa121-170).
Immunogen Description	Synthetic peptide from human AGPAT3 (aa121-170).
Antigen Modification	aa121-170
Target Species	Human
Preparation and Storage	Store at -20 degree C for up to one year.

IMAGES



IHC (Immunohistochemistry)
Anti-AGPAT3 antibody IHC staining of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

WB (Western Blot)
Western blot of extracts from K562 cells, using AGPAT3 Antibody. The lane on the right is treated with the synthesized peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-AGPAT3 antibody	AGPAT3 Antibody, 1-AGP acyltransferase 3 Antibody, 1-AGPAT 3 Antibody, LPAAT3 Antibody, LPAAT-gamma Antibody, LPAAT-GAMMA1 Antibody Description: Converts lysophosphatidic acid (LPA) into phosphatidic acid by incorporating an acyl moiety at the sn-2 position of the glycerol backbone. Acts on LPA containing saturated or unsaturated fatty acids C16:0-C20:4 at the sn-1 position using C18:1, C20:4 or C18:2-CoA as the acyl donor. Also acts on lysophosphatidylcholine, lysophosphatidylinositol and lysophosphatidylserine using C18:1 or C20:4-CoA.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	9910394
NCBI GeneID	56894
NCBI Accession #	NP_064517.1
NCBI GenBank Nucleotide #	NM_020132.4
UniProt Accession #	Q9NRZ7; Q3ZCU2; Q6UWP6; Q6ZUC6; Q8N3Q7; Q9NRZ6; D3DSL2
Molecular Weight	45,514 Da
NCBI Official Full Name	1-acyl-sn-glycerol-3-phosphate acyltransferase gamma
NCBI Official Synonym Full Names	1-acylglycerol-3-phosphate O-acyltransferase 3
NCBI Official Symbol	AGPAT3
NCBI Official Synonym Symbols	LPAAT3; LPAAT-GAMMA1
NCBI Protein Information	1-acyl-sn-glycerol-3-phosphate acyltransferase gamma
UniProt Protein Name	1-acyl-sn-glycerol-3-phosphate acyltransferase gamma
UniProt Gene Name	AGPAT3
UniProt Synonym Gene Names	LPAAT3; 1-AGP acyltransferase 3; 1-AGPAT 3; LPAAT-gamma
UniProt Entry Name	PLCC_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.