

产品名称: LPAAT- γ Rabbit Polyclonal Antibody
产品货号: APRab13381



产品概述 (Summary)

产品名称 (Production Name)	LPAAT- γ Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	AGPAT3
别名 (Alternative Names)	AGPAT3; 1-acyl-sn-glycerol-3-phosphate acyltransferase gamma; 1-acylglycerol-3-phosphate O-acyltransferase 3; 1-AGP acyltransferase 3; 1-AGPAT 3; Lysophosphatidic acid acyltransferase gamma; LPAAT-gamma
基因 ID (Gene ID)	56894.0
蛋白 ID (SwissProt ID)	Q9NRZ7.The antiserum was produced against synthesized peptide derived from human AGPAT3. AA range:121-170

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
蛋白分子量 (Molecular Weight)	40kDa

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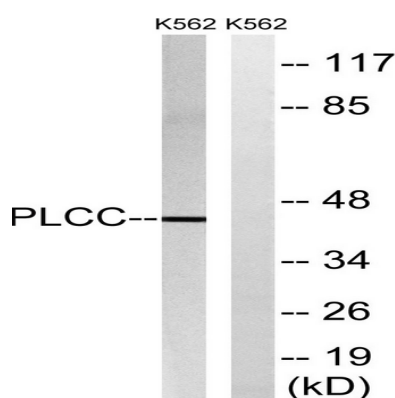
研究背景 (Background)

The protein encoded by this gene is an acyltransferase that converts lysophosphatidic acid into phosphatidic acid, which is the second step in the de novo phospholipid biosynthetic pathway. The encoded protein may be an integral membrane protein. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008], catalytic activity: Acyl-CoA + 1-acyl-sn-glycerol 3-phosphate = CoA + 1,2-diacyl-sn-glycerol 3-phosphate., domain: The HXXXXD motif is essential for acyltransferase activity and may constitute the binding site for the phosphate moiety of the glycerol-3-phosphate., function: Converts lysophosphatidic acid (LPA) into phosphatidic acid by incorporating an acyl moiety at the sn-2 position of the glycerol backbone., pathway: Phospholipid metabolism; CDP-diacylglycerol biosynthesis; CDP-diacylglycerol from sn-glycerol 3-phosphate: step 2/3., similarity: Belongs to the 1-acyl-sn-glycerol-3-phosphate acyltransferase family.,

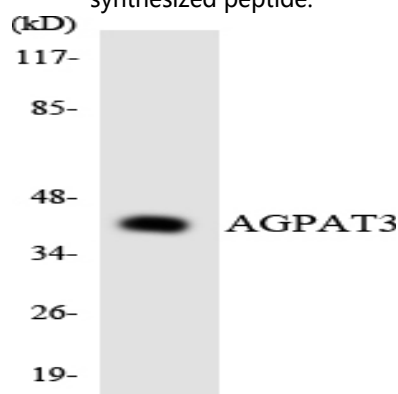
研究领域 (Research Area)

Glycerolipid metabolism; Glycerophospholipid metabolism; Ether lipid metabolism;

图片 (Image Data)



Western blot analysis of lysates from K562 cells, using AGPAT3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from COLO205 cells using AGPAT3 antibody.

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注意事项 (Note)

For research use only .