



## LPCT4 Monoclonal Antibody

Catalog NoBYmab-05215IsotypeIgGReactivityHuman;Rat;Mouse;ApplicationsWBGene NameLPCAT4 AGPAT7 AYTL3 LPEAT2Protein NameLysophospholipid acyltransferase LPCAT4 (EC 2.3.1) (1-acylqlycerol.3-phosphate O-acyltransferase 7) (1-AGP acyltransferas (1-aCPAT7) (Acyltransferase-like 3) (Lysophosphatiql/choline acyltran fransferase-like 3) (Lysophosphatiql/choline acyltransferase (1-aGPAT7) (Acyltransferase-like 3) (Lysophosphatiql/choline acyltransferase (1-aGPAT7) (Acyltransferase-like 3) (Lysophosphatiql/choline acyltransferase) (1-aGPAT7) (Acyltransferase-like 3) (Lysophosphatiql/choline acyltransferase) (Lysophosphatiql/choline acyltransferase) (Lysophosp	
Reactivity     Human;Rat;Mouse;       Applications     WB       Gene Name     LPCAT4 AGPAT7 AYTL3 LPEAT2       Protein Name     Lysophospholipid acyltransferase LPCAT4 (EC 2.3.1) (1-acylglycerol-3-phosphate O-acyltransferase 7) (1-AGP acyltransferase (1-AGPAT 7) (Acyltransferase-like 3) (Lysophosphatidylcholine acyltran fimmunogen       Synthesized peptide derived from human protein . at AA range: 300-380       Specificity     LPCT4 Monoclonal Antibody detects endogenous levels of protein.       Formulation     Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.       Source     Monoclonal, Mouse,IgG       Purification     The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.       Dilution     WB 1:500-2000       Concentration     1 mg/ml       Purity     ≥90%       Storage Stability     -20°C/1 year       Synonyms     Endoplasmic reticulum membrane ; Multi-pass membrane protein .       Tissue Specificity     Widely expressed with predominant level in brain.       Function     caution:Was originally (PubMed:16243729) thought to be a lysophosph acyltransferase based on sequence similarity but the mouse ortholog he shown to be a lysophosph	
ApplicationsWBGene NameLPCAT4 AGPAT7 AYTL3 LPEAT2Protein NameLysophospholipid acyltransferase LPCAT4 (EC 2.3.1) (1-acylgiycerol-3-phosphate O-acyltransferase 7) (1-AGP acyltransferase (1-AGPA 7) (Acyltransferase-like 3) (Lysophosphatidylcholine acyltransferase (1-AGPA 7) (Acyltransferase 7) (1-AGP acyltransferase (1-AGPA 7) (Acyltransferase-like 3) (Lysophosphatidylcholine acyltransferase (1-AGPA 7) (Acyltransferase 7) (1-AGP acyltransferase (1-AGPA 7) (Acyltransferase-like 3) (Lysophosphatidylcholine acyltransferase (Acyltransferase-like 3) (Lysophosphatidylcholine acyltransferase (Acyltransferase-like 3) (Lysophosphatidylcholine acyltransferase (Acyltransferase-like 3) (Lysophosphate 3) (Lysoph	
Gene Name         LPCAT4 AGPAT7 AYTL3 LPEAT2           Protein Name         Lysophospholipid acyltransferase LPCAT4 (EC 2.3.1) (1-acylglycerol-3-phosphate O-acyltransferase 7) (1-AGP ar 7) (1-AGP	
Protein Name       Lysophospholipid acyltransferase LPCAT4 (EC 2.3.1) (1-acylglycerol-3-phosphate O-acyltransferase 7) (1-AGP acyltransferase (1-AGPAT 7) (Acyltransferase-like 3) (Lysophosphatidylcholine acyltransferase (1-AGPAT 7) (Acyltransferase based on sequence similarity but the mouse ortholog has above a sophospholicity acyltransferase based on sequence similarity but the mouse ortholog has above to be a lysophosphate	
ImmunogenSynthesized peptide derived from human protein . at AA range: 300-388SpecificityLPCT4 Monoclonal Antibody detects endogenous levels of protein.FormulationLiquid in PBS containing 50% glycerol, and 0.02% sodium azide.SourceMonoclonal, Mouse, IgGPurificationThe antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.DilutionWB 1:500-2000Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearObserved Band57kDCell PathwayEndoplasmic reticulum membrane ; Multi-pass membrane protein .Tissue SpecificityWidely expressed with predominant level in brain.Functioncaution:Was originally (PubMed:16243729) thought to be a lysophosph acyltransferase based on sequence similarity but the mouse ortholog ha acyltransferase based on sequence similarity but the mouse ortholog ha acyltransferase based on sequence similarity but the mouse ortholog ha acyltransferase based on sequence similarity but the mouse ortholog ha acyltransferase based on sequence similarity but the mouse ortholog ha acyltransferase based on sequence similarity but the mouse ortholog ha acyltransferase based on sequence similarity but the mouse ortholog ha acyltransferase based on sequence similarity but the mouse ortholog ha acyltransferase based on sequence similarity but the mouse ortholog ha acyltransferase based on sequence similarity but the mouse ortholog ha	
Specificity       LPCT4 Monoclonal Antibody detects endogenous levels of protein.         Formulation       Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.         Source       Monoclonal, Mouse, IgG         Purification       The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.         Dilution       WB 1:500-2000         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       57kD         Cell Pathway       Endoplasmic reticulum membrane ; Multi-pass membrane protein .         Tissue Specificity       Widely expressed with predominant level in brain.         Function       caution:Was originally (PubMed:16243729) thought to be a lysophosph acyltransferase based on sequence similarity but the mouse ortholog ha shown to be a lysophosphosphatioylcholine acyltransferase. function:Convert	ferase 7) Itransf
Formulation       Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.         Source       Monoclonal, Mouse, IgG         Purification       The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.         Dilution       WB 1:500-2000         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       57kD         Cell Pathway       Endoplasmic reticulum membrane ; Multi-pass membrane protein .         Tissue Specificity       Widely expressed with predominant level in brain.         Function       caution:Was originally (PubMed:16243729) thought to be a lysophosph acyltransferase based on sequence similarity but the mouse ortholog has obven to be a very prosphosph acyltransferase based on sequence similarity but the mouse ortholog has obven to be a very prosphosph acyltransferase.	)-380
SourceMonoclonal, Mouse,IgGPurificationThe antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.DilutionWB 1:500-2000Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonymsCollObserved Band57kDCell PathwayEndoplasmic reticulum membrane ; Multi-pass membrane protein .Tissue SpecificityWidely expressed with predominant level in brain.Functioncaution:Was originally (PubMed:16243729) thought to be a lysophosph acyltransferase based on sequence similarity but the mouse ortholog ha acyltransferase based on sequence similarity but the mouse ortholog ha shown to be a lysophosph	
PurificationThe antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.DilutionWB 1:500-2000Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonymsObserved BandObserved Band57kDCell PathwayEndoplasmic reticulum membrane ; Multi-pass membrane protein .Tissue SpecificityWidely expressed with predominant level in brain.Functioncaution:Was originally (PubMed:16243729) thought to be a lysophosph acyltransferase based on sequence similarity but the mouse ortholog ha shown to be a lysophosph tidyloholine acyltransferase. function:Convert	
affinity-chromatography using epitope-specific immunogen.         Dilution       WB 1:500-2000         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       -20°C/1 year         Observed Band       57kD         Cell Pathway       Endoplasmic reticulum membrane ; Multi-pass membrane protein .         Tissue Specificity       Widely expressed with predominant level in brain.         Function       caution:Was originally (PubMed:16243729) thought to be a lysophosph acyltransferase based on sequence similarity but the mouse ortholog has shown to be a lysophosph tidylcholine acyltransferase. function:Convertioned on the protein in the mouse ortholog has shown to be a lysophosph tidylcholine acyltransferase.	
Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       -20°C/1 year         Observed Band       57kD         Cell Pathway       Endoplasmic reticulum membrane ; Multi-pass membrane protein .         Tissue Specificity       Widely expressed with predominant level in brain.         Function       caution:Was originally (PubMed:16243729) thought to be a lysophosph acyltransferase based on sequence similarity but the mouse ortholog has shown to be a lysophosphatidylcholine acyltransferase.function:Convertioned	
Purity     ≥90%       Storage Stability     -20°C/1 year       Synonyms     -20°C/1 year       Observed Band     57kD       Cell Pathway     Endoplasmic reticulum membrane ; Multi-pass membrane protein .       Tissue Specificity     Widely expressed with predominant level in brain.       Function     caution:Was originally (PubMed:16243729) thought to be a lysophosph acyltransferase based on sequence similarity but the mouse ortholog has shown to be a lysophosphatidylcholine acyltransferase. function:Convertion:Convertion:	
Storage Stability       -20°C/1 year         Synonyms       -20°C/1 year         Observed Band       57kD         Cell Pathway       Endoplasmic reticulum membrane ; Multi-pass membrane protein .         Tissue Specificity       Widely expressed with predominant level in brain.         Function       caution:Was originally (PubMed:16243729) thought to be a lysophosph acyltransferase based on sequence similarity but the mouse ortholog has shown to be a lysophosphatidylcholine acyltransferasefunction:Convertion	
Synonyms         Observed Band       57kD         Cell Pathway       Endoplasmic reticulum membrane ; Multi-pass membrane protein .         Tissue Specificity       Widely expressed with predominant level in brain.         Function       caution:Was originally (PubMed:16243729) thought to be a lysophosphacyltransferase based on sequence similarity but the mouse ortholog has shown to be a lysophosphatidylcholine acyltransferasefunction:Convert	
Observed Band57kDCell PathwayEndoplasmic reticulum membrane ; Multi-pass membrane protein .Tissue SpecificityWidely expressed with predominant level in brain.Functioncaution:Was originally (PubMed:16243729) thought to be a lysophosphacyltransferase based on sequence similarity but the mouse ortholog has shown to be a lysophosphatidylcholine acyltransferasefunction:Convert	
Cell PathwayEndoplasmic reticulum membrane ; Multi-pass membrane protein .Tissue SpecificityWidely expressed with predominant level in brain.Functioncaution:Was originally (PubMed:16243729) thought to be a lysophosphacyltransferase based on sequence similarity but the mouse ortholog has shown to be a lysophosphatidylcholine acyltransferasefunction:Convert	
Tissue SpecificityWidely expressed with predominant level in brain.Functioncaution:Was originally (PubMed:16243729) thought to be a lysophosph acyltransferase based on sequence similarity but the mouse ortholog has shown to be a lysophosphatidylcholine acyltransferasefunction:Convert	
<b>Function</b> caution:Was originally (PubMed:16243729) thought to be a lysophosph acyltransferase based on sequence similarity but the mouse ortholog has shown to be a lysophosphatidylcholine acyltransferasefunction:Conver	
acyltransferase based on sequence similarity but the mouse ortholog has shown to be a lysophosphatidylcholine acyltransferasefunction:Conve	
acyl-CoA.,pathway:Lipid metabolism; phospholipid metabolism.,similari to the 1-acyl-sn-glycerol-3-phosphate acyltransferase family.,tissue specificity:Widely expressed. Expressed in uterus, thymus, pancreas, s muscle, bladder, stomach, lung and testis.,	og has been onverts ce of nilarity:Belongs
<b>Background</b> Members of the 1-acylglycerol-3-phosphate O-acyltransferase (EC 2.3 family, such as AGPAT7, catalyze the conversion of lysophosphatidic a	2.3.1.51) lic acid (LPA)
Nanjing BYabscience technology Co.,Ltd	



国内优质抗体供应商 精准的 WB 检测服务

24H 在线服务,欢迎咨询



matters needing attention	to phosphatidic acid (PA), a precursor in the biosynthesis of all glycerolipids. Both LPA and PA are involved in signal transduction (Ye et al., 2005 [PubMed 16243729]).[supplied by OMIM, May 2008], Avoid repeated freezing and thawing!
Usage suggestions This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.  Products Images	

Nanjing BYabscience technology Co.,Ltd