

Rabbit Anti-LPCAT1 antibody

SLM-60510R

Product Name LPCAT1

Chinese Name 溶血卵磷脂酰基转移酶 1Recombinant rabbit monoclonal anti

Alias PCAT1_HUMAN; Lysophosphatidylcholine acyltransferase 1; AYTL2; PFAAP3; EC:2.3.1.23; LPC acyltransferase 1; LPCAT-1; LysoPC acyltransferase 1; 1-acylglycerol-3-phosphate O-acyltransferase. EC:2.3.1.51; 1-acylglycerophosphocholine O-acyltransferase; 1-alkenylglycerophosphocholine O-acyltransferase. EC:2.3.1.25; 1-alkylglycerophosphocholine O-acetyltransferase. EC:2.3.1.67; Acetyl-CoA:lyso-platelet-activating factor acetyltransferase (Acetyl-CoA:lyso-PAF acetyltransferase; Lyso-PAF acetyltransferase; LysoPAFAT);

Immunogen Species Rabbit

Clonality Monoclonal

Clone NO. B4H4

React Species (predicted:Human)
WB=1:500-1000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:50-200,IF=1:100-500

Applications (Paraffin sections need antigen repair)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 59kDa

Detection molecular weight 59 kDa

Cellular localization cytoplasmic The cell membrane

Form Liquid

Concentration 1mg/ml

Lsotype IgG/Kappa

Purification Affinity purified by Protein A

Buffer Solution 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	<p>具有酰基转移酶活性。具有乙酰转移酶活性。活性不依赖于钙。催化溶血磷脂酰胆碱（1-酰基-sn-甘油-3-磷酸胆碱或 LPC）转化为磷脂酰胆碱（1,2-二酰基-sn-甘油-3-磷酸胆碱或 PC）。催化 1-酰基-sn-甘油-3-磷酸（溶血磷脂酸或 LPA）转化为 1,2-二酰基-sn-甘油-3-磷酸（磷脂酸或 PA），方法是在甘油主链的 sn-2 位置加入酰基部分。显示出对饱和脂肪酰辅酶 a 和 1-肉豆蔻酰或 1-棕榈酰 LPC 分别作为酰基供体和受体的明显偏好。参与血小板活化因子（PAF）生物合成，催化 PAF 前体 1-O-烷基-sn-甘油-3-磷酸胆碱(lyso-PAF)转化为 1-O-烷基-2-乙酰-sn-甘油-3-磷酸胆碱（PAF）。可能在肺表面活性物质中合成磷脂酰胆碱，从而在呼吸生理中发挥关键作用。</p>