

## LPCAT1 RABBIT MAB

货号: N262476

产品全名: LPCAT1 兔单克隆抗体

基因符号 AYTL2; lpcat; AGPAT9; PFAAP3; AGPAT10; LPCAT-1; lysoPAFAT

**UNIPROT ID:** Q8NF37

**背景:** Possesses both acyltransferase and acetyltransferase activities (PubMed:16864775, PubMed:21498505). Activity is calcium-independent. Mediates the conversion of 1-acyl-sn-glycero-3-phosphocholine (LPC) into phosphatidylcholine (PC) (PubMed:21498505). Displays a clear preference for saturated fatty acyl-CoAs, and 1-myristoyl or 1-palmitoyl LPC as acyl donors and acceptors, respectively (PubMed:16704971). May synthesize phosphatidylcholine in pulmonary surfactant, thereby playing a pivotal role in respiratory physiology (PubMed:16864775). Involved in the regulation of lipid droplet number and size (PubMed:25491198).

**抗原:** Recombinant protein of human LPCAT1

**经过测试的应用:** WB,IHC-F,IHC-P,ICC/IF,IP

**推荐稀释比:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20

**种属反应性:** Rabbit

**克隆性:** Rabbit Monoclonal

**克隆编号:** R07-4K3

**分子量:** Calculated MW: 59 kDa; Observed MW: 29 kDa

**亚型:** IgG

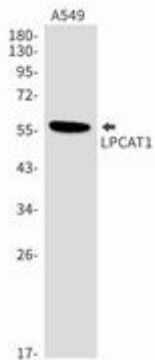
**纯化:** Affinity Purified

**种属反应性:** Human

**成分:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**研究领域:** -

**储存和运输:** Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of LPCAT1 in A549 lysates using LPCAT1 antibody.