

# LPCAT3 Rabbit pAb

货号: **B11615**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> Mus musculus , human , Homo sapiens , Rattus norvegicus
应用	<a href="#">WB</a>
推荐浓度	<b>WB:</b> 1:100 - 1:500
理论分子量	
实测分子量	56KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HepG2,293F
细胞定位	
纯化	Affinity purification

抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 160-370 of human LPCAT3 (NP_005759.4).
序列	FDGGKDQNSLSSEQQKYAIRGVPSLLEVAGFSYFYGAFLVGPQFSMNHYMKLVQGELIDIPGKIPNSIIPALKRSLGLFYLV GYTLLSPHITEDYLLTEDYDNHPFWFRCLMYMLIWGKFVLYKYVTCWLVTGVCILTGLGFNGFEEKGKAKWDACANMKV WLFETNPRFTGTIASFNINTNAWVARYIFKRLKFLGNKELSQGLSLLFL

靶点信息

研究背景	Lysophospholipid O-acyltransferase (LPLAT that catalyzes the reacylation step of the phospholipid remodeling process also known as the Lands cycle. Catalyzes transfer of the fatty acyl chain from fatty acyl-CoA to 1-acyl lysophospholipid to form various classes of phospholipids. Converts 1-acyl lysophosphatidylcholine (LPC into phosphatidylcholine (PC (LPCAT activity, 1-acyl lysophosphatidylserine (LPS into phosphatidylserine (PS (LPSAT activity and 1-acyl lysophosphatidylethanolamine (LPE into phosphatidylethanolamine (PE (LPEAT activity. Favors polyunsaturated fatty acyl-CoAs as acyl donors compared to saturated fatty acyl-CoAs. Has higher activity for LPC acyl acceptors compared to LPEs and LPSs. Can also transfer the fatty acyl chain from fatty acyl-CoA to 1-O-alkyl lysophospholipid or 1-O-alkenyl lysophospholipid with lower efficiency (By similarity. Acts as a major LPC O-acyltransferase in liver and intestine. As a component of the liver X receptor/NR1H3 or NR1H2 signaling pathway, mainly catalyzes the incorporation of arachidonate into PCs of endoplasmic reticulum (ER membranes, increasing membrane dynamics and enabling triacylglycerols transfer to nascent very low-density lipoprotein (VLDL particles.
基因ID	10162
基因名	LPCAT3
Swiss	Q6P1A2
别名	C3F;LPCAT;LPLAT 5;LPSAT;MBOAT5;OACT5;nessy;LPCAT3

产品验证

实验步骤

访问官网浏览详情: [www.ablybio.cn](http://www.ablybio.cn)