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# LRAT Rabbit pAb

货号: **AYP19440**

## 产品信息

反应	Human,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	<b>WB:</b> 1:500 - 1:2000
理论分子量	25kDa
实测分子量	50-54kDa
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	HT-29,22Rv1,Rat liver
细胞定位	Cytoplasm,Endoplasmic reticulum membrane,Endosome,Rough endoplasmic reticulum,Single-pass membrane protein,multivesicular body,perinuclear region
纯化	Affinity purification

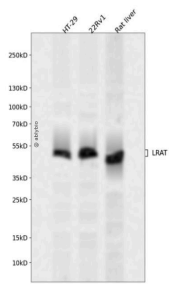
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 31-150 of human LRAT (NP_004735.2).
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## 靶点信息

研究背景	The protein encoded by this gene localizes to the endoplasmic reticulum, where it catalyzes the esterification of all-trans-retinol into all-trans-retinyl ester. This reaction is an important step in vitamin A metabolism in the visual system. Mutations in this gene have been associated with early-onset severe retinal dystrophy and Leber congenital amaurosis 14. Alternative splicing results in multiple transcript variants.
基因ID	9227
基因名	LRAT
Swiss	O95237 ( <a href="https://www.uniprot.org/uniprotkb/O95237/entry">https://www.uniprot.org/uniprotkb/O95237/entry</a> )
别名	LRAT,LCA14,LRAT Rabbit pAb,Phosphatidylcholine--retinol O-acyltransferase

## 产品验证



Western blot analysis of LRAT expressed in HT-29,22Rv1,Rat liver using LRAT Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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