

ATP citrate lyase (YD14757) Rabbit mAb

货号: **AYD11738**

产品信息

反应	Human, Mouse, Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC/IF FC IP
推荐浓度	
理论分子量	121kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Jurkat,HeLa,Rat lung,Rat liver,Mouse lung,Mouse liver,Mouse brain
细胞定位	Cytoplasm, cytosol
纯化	

抗原信息

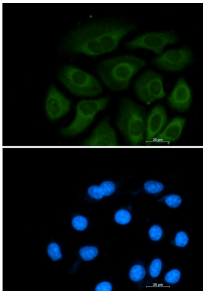
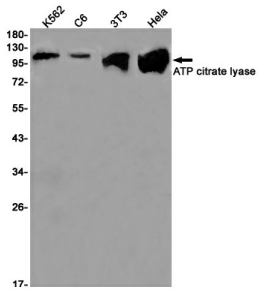
抗原信息	
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靶点信息

研究背景	ATP citrate lyase is the primary enzyme responsible for the synthesis of cytosolic acetyl-CoA in many tissues. The enzyme is a tetramer (relative molecular weight approximately 440,000) of apparently identical subunits. It catalyzes the formation of acetyl-CoA and oxaloacetate from citrate and CoA with a concomitant hydrolysis of ATP to ADP and phosphate. The product, acetyl-CoA, serves several important biosynthetic pathways, including lipogenesis and cholesterologenesis. In nervous tissue, ATP citrate-lyase may be involved in the biosynthesis of acetylcholine. Multiple transcript variants encoding distinct isoforms have been identified for this gene.
基因ID	47
基因名	ACLY

Swiss	P53396
别名	ATP citrate lyase (YD14757)

产品验证



实验步骤

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