

产品名称: ATP Citrate Lyase (3D9) Mouse Monoclonal Antibody
产品货号: AMM03438



产品概述 (Summary)

产品名称 (Production Name)	ATP Citrate Lyase (3D9) Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB, ICC/IF, FC
种属反应性 (Reactivity)	Human, Mouse, Monkey

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG2a
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ACLY
别名 (Alternative Names)	ACLY; ATP-citrate synthase; ATP-citrate; pro-S-)-lyase; ACL; Citrate cleavage enzyme
基因 ID (Gene ID)	47
蛋白 ID (SwissProt ID)	P53396.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000, ICC/IF 1:50-1:200, FC 1:50-1:100
蛋白分子量 (Molecular Weight)	Calculated MW: 121 kDa; Observed MW: 121 kDa

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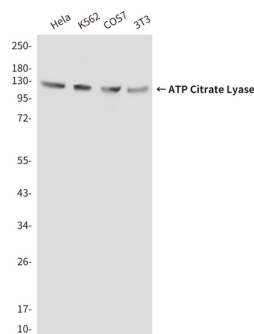
研究背景 (Background)

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.

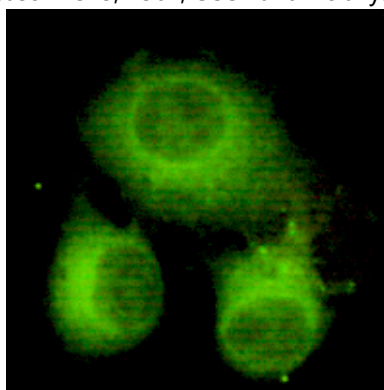
研究领域 (Research Area)

Signal Transduction

图片 (Image Data)

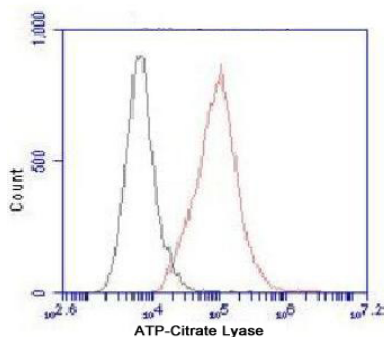


Western blot analysis of ATP Citrate Lyase in 3T3, K562, COS7 and HeLa lysates using ATP Citrate Lyase antibody.



Immunocytochemistry analysis of ATP Citrate Lyase in HeLa cells using ATP Citrate Lyase (Cterminus) antibody.

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Flow Cytometry analysis of HeLa cells stained with ATP Citrate Lyase (red). Black line histogram represents the isotype control, normal mouse IgG

注意事项 (Note)

For research use only .