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Phospho-ACLY-S455 Rabbit pAb

货号: **AYP20373**

产品信息

反应	Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IP
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:100 IP: 1:50 - 1:100
理论分子量	91kDa/119kDa/120kDa
实测分子量	121kDa
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	NIH/3T3
细胞定位	Cytoplasm
纯化	Affinity purification

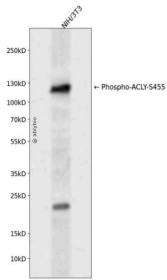
抗原信息

抗原信息	A synthetic phosphorylated peptide around S455 of human ACLY (NP_001087.2).
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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 (https://www.uniprot.org/uniprotkb/P53396/entry)
别名	ACLY,ACL,ATPCL,CLATP,Phospho-ACLY-S455 Rabbit pAb,ATP-citrate (pro-S-)-lyase,Citrate cleavage enzyme

产品验证



Western blot analysis of Phospho-ACLY-S455 expressed in NIH/3T3 using Phospho-ACLY-S455 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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