



ATP-citrate synthase Polyclonal Antibody

Cat #: ABP50733

Size: 30µl /100µl /200µl

Product Information

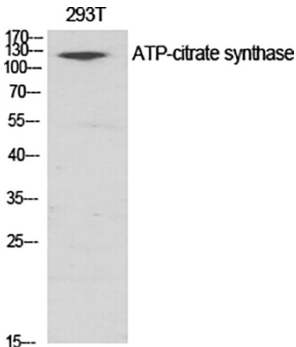
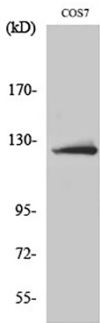
	Product Name: ATP-citrate synthase Polyclonal Antibody		
	Applications: WB , IF, ELISA		Isotype: Rabbit IgG
	Reactivity: Human, Mouse, Rat, Monkey		
REF	Catalog Number: ABP50733	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

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. In nervous tissue, ATP citrate-lyase may be involved in the biosynthesis of acetylcholine. Multiple transcript variants encoding distinct isoforms have been identified for ACLY.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IF (1:200-1:1000), ELISA (1:10000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

 <p>293T</p> <p>ATP-citrate synthase</p>	<p>Fig.1. Western Blot analysis of various cells using ATP-citrate synthase Polyclonal Antibody diluted at 1:1000.</p>
 <p>COS7</p> <p>(kD)</p>	<p>Fig.2. Western Blot analysis of COS7 cells using ATP-citrate synthase Polyclonal Antibody diluted at 1:1000.</p>

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