

**ATP Citrate lyase monoclonal antibody**

Catalog: MB10590

Host: Rabbit

Reactivity: Human, Mouse, Rat

**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.

**Product:**

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

**Molecular Weight:**

Calculated MW: 121 kDa; Observed MW: 121 kDa

**Swiss-Prot:**

P53396

**Purification&Purity:**

Affinity Purified

**Applications:**

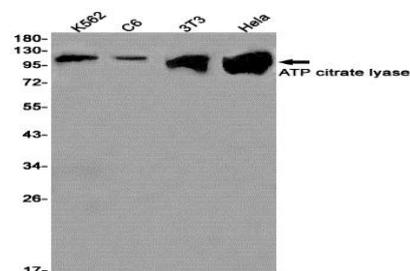
WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

Immunocytochemistry analysis of ATP Citrate lyase in A549 using ATP Citrate lyase antibody, and DAPI.

Western blot analysis of ATP citrate lyase in K562, C6, 3T3, HeLa lysates using ATP citrate lyase antibody.

**Note:**

For research use only, not for use in diagnostic procedure.

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