

Phospho-ATP Citrate Synthase (Thr447/Ser451) monoclonal antibody

Catalog: MB10589

Host: Rabbit

Reactivity: Human

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

Storage&Stability:

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

Isotype:

IgG

DATA:



Western blot analysis of Phospho-ATP citrate lyase in K562 lysates using Phospho-ATP Citrate Synthase antibody.

Note:

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

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