Bioworld Technology CO., Ltd.

ATP-Citrate synthase (P449) Peptide

Cat No.: BS1715P

Background

ATP citrate lyase (ACL) is the primary enzyme responsible for the synthesis of cytosolic acetyl-CoA in many tissues. The enzyme is a tetramer of four 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. One of these products, acetyl-CoA, serves several important biosynthetic pathways, including lipogenesis and cholesterogenesis. In nervous tissue, ATP citrate-lyase may be involved in the biosynthesis of acetylcholine. NDPK has been found to phosphorylate ACL and insulin to increase phosphorylation of ACL.

Swiss-Prot

P53396

Applications

Blocking

Specificity

This peptide can be used with studies using BS1715 ATP-Citrate synthase (P449) pAb.

Purification & Purity

Synthetic peptide ATP-Citrate synthase (P449). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

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

Research Use

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

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