

## Phospho-ATP citrate lyase (Thr447/Ser451) Rabbit pAb

db8509

Package : 20µL 50µL 100µL

**Product Name** : Phospho-ATP citrate lyase (Thr447/Ser451) Rabbit pAb**Cat.No.:** db8509**Synonyms** : ACL; ATPCL; CLATP**Application** : WB, ICC/IF, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**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 this gene. [provided by RefSeq, Dec 2014]

**Immunogen**

A synthetic phosphopeptide corresponding to residues surrounding Thr447/Ser451 of human ATP citrate lyase

**Gene ID**

47

**Swiss Prot**

P53396

**Synonyms**

ACL; ATPCL; CLATP

**Reactivity**

Human, Mouse, Rat

**Application**

WB, ICC/IF, IP

**Recommended dilution**

WB: 1:1000

ICC/IF: 1:50

IP: 1:20

**Calculated MW**

121 kDa

**Observed MW**

121 kDa

**Host species**

Rabbit

**Clonality**

Polyclonal

**Isotype**

IgG

<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.