

CABP0779

Product Information

Product SKU:	CABP0779	Gene ID:	47	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	125kDa	Conjugate:	Unconjugated
Calculated MW:	121kDa	Isotype:	IgG

Immunogen Information

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.
Recommended Dilution:	WB,1:100 - 1:500 IHC-P,1:50 - 1:100 IP,0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
Synonyms:	ACL; ATPCL; CLATP; Phospho-ACLY-S455
Purification Method:	Affinity purification
Immunogen:	A synthetic phosphorylated peptide around S455 of human ACLY (NP_001087.2).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.