Recombinant DGRmAb®

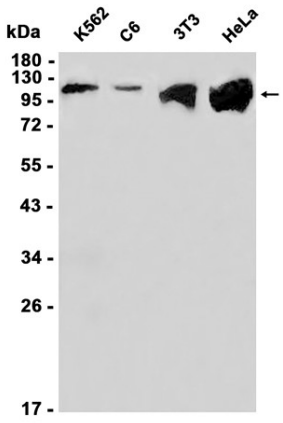
ATP citrate lyase (DGR14757) Rabbit mAb (PBS Only)

db11738-PBS **Package : 10μg 100μg**

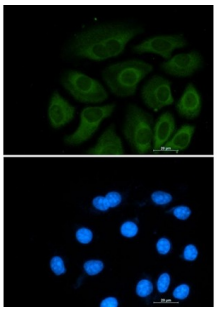
Product Name : ATP citrate lyase (DGR14757) Rabbit mAb (PBS Only)
Cat.No.: db11738-PBS
Synonyms : ACL; ATPCL; CLATP
Application : WB, IHC, ICC/IF, FC, IP
Reactivity : Human, Mouse, Rat
Host species : Rabbit

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 cholesterogenesis. 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 peptide of human ATP citrate lyase
Gene ID	47
Swiss Prot	P53396
Synonyms	ACL; ATPCL; CLATP
Reactivity	Human, Mouse, Rat
Application	WB, IHC, ICC/IF, FC, IP
Calculated MW	121 kDa
Observed MW	121 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14757
Isotype	IgG
Purity	Affinity Purification

Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from K562, C6, 3T3, HeLa cells using db11738 at 1:1000.



Immunofluorescent analysis of A549 cells using db11738 antibody (green), and DAPI (blue).