



Anti-ACLY (aa 200-300) polyclonal antibody (DPABH-06110)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	ATP citrate-lyase is the primary enzyme responsible for the synthesis of cytosolic acetyl-CoA in many tissues. Has a central role in de novo lipid synthesis. In nervous tissue it may be involved in the biosynthesis of acetylcholine.
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 200 - 300 of Human ATP citrate lyase.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	100 µg
Buffer	pH: 7.40; Constituent: PBS
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	ACLY ATP citrate lyase [Homo sapiens]
Official Symbol	ACLY
Synonyms	ACLY; ATP citrate lyase; ACL; ATPCL; CLATP; ATP-citrate synthase; ATP citrate synthase; citrate cleavage enzyme; ATP-citrate (pro-S-)-lyase;
Entrez Gene ID	47
Protein Refseq	NP_001087.2
UniProt ID	A0A024R1T9
Pathway	ChREBP activates metabolic gene expression; Citrate cycle (TCA cycle); Fatty Acyl-CoA Biosynthesis; Integration of energy metabolism
Function	ATP binding; ATP citrate synthase activity; cofactor binding; metal ion binding