

Rabbit ACLY Polyclonal Antibody | anti-ACLY antibody

ACLY Polyclonal Antibody

CATALOG # AAA170451	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, ELISA
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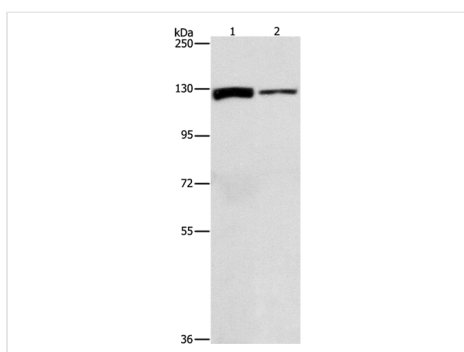
PRODUCT SYNONYMS

ACLY; Polyclonal Antibody; ACLY Polyclonal Antibody; ACL; ATPCL; CLATP; anti-ACLY antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Concentration	2.1mg/mL (varies by lot)
Sequence Length	1091
Applicable Applications for anti-ACLY antibody	WB (Western Blot), ELISA
Immunogen	Recombinant protein of human ACLY
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of A172 and PC3 cell using ACLY Polyclonal Antibody at dilution of 1:1050

ADDITIONAL INFORMATION

Related Product Information for anti-ACLY antibody	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. Two transcript variants encoding distinct isoforms have been identified for this gene.
Product Categories/Family for anti-ACLY antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	38569423
NCBI GeneID	47
NCBI Accession #	NP_942127.1
NCBI GenBank Nucleotide #	NM_198830.1
Molecular Weight	121kDa
NCBI Official Full Name	ATP-citrate synthase isoform 2
NCBI Official Synonym Full Names	ATP citrate lyase
NCBI Official Symbol	ACLY
NCBI Official Synonym Symbols	ACL; ATPCL; CLATP
NCBI Protein Information	ATP-citrate synthase; ATP citrate synthase; ATP-citrate (pro-S-)-lyase; citrate cleavage enzyme
UniProt Protein Name	ATP-citrate synthase
UniProt Gene Name	ACLY
UniProt Synonym Gene Names	ACL
UniProt Entry Name	ACLY_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.