

Mouse ACLY Monoclonal Antibody | anti-ACLY antibody

ACLY antibody

CATALOG # AAA74827	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
------------------------------	----------------------	---

PRODUCT SYNONYMS

ACLY; Monoclonal Antibody; ACLY antibody; Monoclonal ACLY; Anti-ACLY; Atp Citrate Lyase; ACL; ATPCL; CLATP; anti-ACLY antibody

PRODUCT SPECIFICATIONS

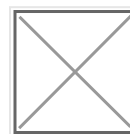
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3G8
Purity/Purification	ACLY antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	1101
Applicable Applications for anti-ACLY antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	ACLY 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.
Cross-Reactivity	Human
Immunogen	ACLY antibody was raised in mouse using a full length recombinant protein of human ACLY (NP_001087) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of ACLY protein in paraffin embedded Human colon tissue using ACLY antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant ACLY protein (Right) or empty vector (Left) detected with ACLY antibody

ADDITIONAL INFORMATION

Related Product Information for anti-ACLY antibody	Mouse monoclonal ACLY antibody
Product Categories/Family for anti-ACLY antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	38569421
NCBI GeneID	47
NCBI Accession #	NP_001087
NCBI GenBank Nucleotide #	NM_001096.2
UniProt Accession #	P53396; Q13037; Q9BRL0; B4DIM0; B4E3P0
Molecular Weight	91,099 Da
NCBI Official Full Name	ATP-citrate synthase isoform 1
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/acly-antibody-clone-3g8-western-blot-immunohistochemistry-immunofluorescence-elisa/74827>