

Rabbit ACLY Polyclonal Antibody | anti-ACLY antibody

Anti-ACLY Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA292782	Rabbit	Human, Mouse, Rat, Pig, Bovine	Immunohistochemistry, Immunofluorescence, ELISA, Western Blot

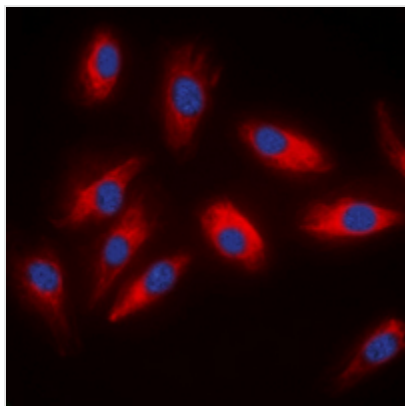
PRODUCT SYNONYMS

ACLY; Polyclonal Antibody; Anti-ACLY Antibody; ATP-citrate synthase; ATP-citrate (pro-S-)-lyase; ACL; Citrate cleavage enzyme; anti-ACLY antibody

PRODUCT SPECIFICATIONS

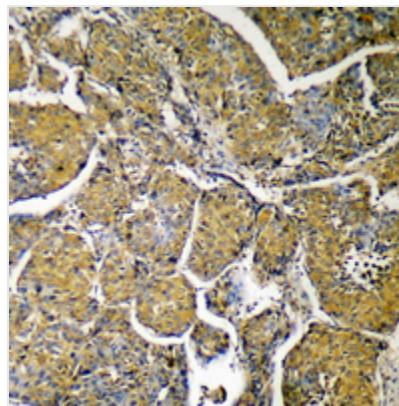
Host	Rabbit
Reactivity	Human, Mouse, Rat, Pig, Bovine
Clonality	Polyclonal
Applicable Applications for anti-ACLY antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA, WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



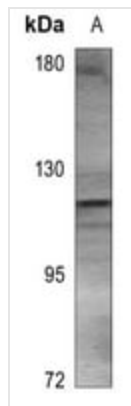
IF (Immunofluorescence)

Dilution: E (1/5000 - 1/10000), WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500) Immunofluorescent analysis of ACLY staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Dilution: IH E (1/5000 - 1/10000), WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500) Immunohistochemical analysis of ACLY staining in human liver formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Dilution: WB E (1/5000 - 1/10000), WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500) Western blot analysis of ACLY expression in C6 (A) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-ACLY antibody	Rabbit polyclonal antibody to ACLY KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ACLY. The exact sequence is proprietary.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38569421
NCBI GeneID	47
NCBI Accession #	NP_001087.2
NCBI GenBank Nucleotide #	NM_001096.2
UniProt Accession #	P53396; Q13037; Q9BRL0; B4DIM0
Molecular Weight	120,839 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; ATP citrate synthase; citrate cleavage enzyme; ATP-citrate (pro-S-)-lyase
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/acly-antibody-immunohistochemistry-immunofluorescence-western-blot-elisa/292782>