

Rabbit ACLY Polyclonal Antibody | anti-ACLY antibody

ACLY antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199171	Rabbit	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep, Zebrafish	Immunohistochemistry, Western Blot

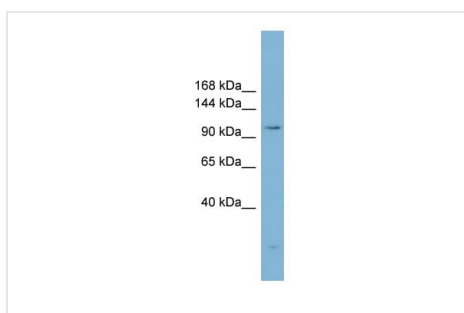
PRODUCT SYNONYMS

ACLY; Polyclonal Antibody; ACLY antibody - middle region; anti-ACLY antibody

PRODUCT SPECIFICATIONS

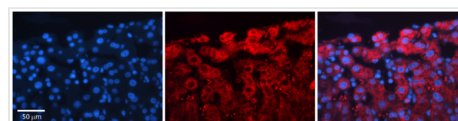
Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LR SAYDSTMETM NYAQIRTIAI AEGIPEALT RKLIKKADQK GVTIIGPA
Sequence Length	1101
Applicable Applications for anti-ACLY antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Pig: 93%; Rabbit: 86%; Rat: 100%; Sheep: 93%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ACLY
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-ACLY Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:1562500
 Positive Control: ACHN cell lysate
 ACLY is strongly supported by BioGPS gene expression data to be expressed in Human ACHN cells



IHC (Immunohistochemistry)

Rabbit Anti-ACLY Antibody
 Formalin Fixed Paraffin Embedded Tissue: Human Liver Tissue
 Observed Staining: Cytoplasm in hepatocytes
 Primary Antibody Concentration: 1:100
 Other Working Concentrations: N/A
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-ACLY antibody	This is a rabbit polyclonal antibody against ACLY. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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 acety
Product Categories/Family for anti-ACLY antibody	Polyclonal; Drugs and Drug Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	38569421
NCBI GeneID	47
NCBI Accession #	NP_001087
NCBI GenBank Nucleotide #	NM_001096
UniProt Accession #	P53396
Molecular Weight	121kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/acly-antibody-immunohistochemistry-western-blot-elisa/199171>