# antibodies -online.com







# anti-ACLY antibody (AA 306-502)

12 Images



Go to Product page

( )	11	$\sim$	rv		۱ ۸
	1 \ /	┙	I \/	╙	1/1

Quantity:	100 μL	
Target:	ACLY	
Binding Specificity:	AA 306-502	
Reactivity:	Human, Mouse, Rat, Monkey	
Host:	Mouse	
Clonality:	Monoclonal	
Conjugate:	This ACLY antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (fixed cells) (IF/ICC)	

### **Product Details**

Immunogen:	Purified recombinant fragment of human ACLY (AA: 306-502) expressed in E. Coli.	
Isotype:	lgG1	
Purification:	Purified antibody	

#### **Target Details**

Target:	ACLY
Alternative Name:	ACLY (ACLY Products)
Background:	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

## **Target Details**

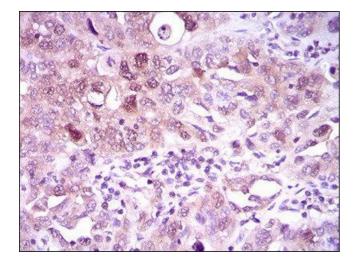
	citrate and CoA with a concomitant hydrolysis of ATP to ADP and phosphate. The product, acetyl-CoA, serves several important biosynthetic pathways, including lipogenesis and cholesterogenesis.
Molecular Weight:	125 kDa
Gene ID:	47
UniProt:	P53396
Pathways:	Warburg Effect

# Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

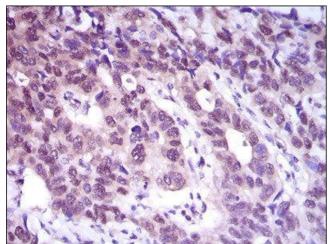
# Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 0.5 % protein stabilizer.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.



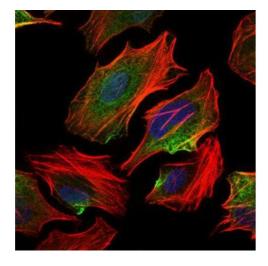
## **Immunohistochemistry**

Image 1.



#### **Immunohistochemistry**

Image 2.



#### **Immunocytochemistry**

Image 3.

Please check the product details page for more images. Overall 12 images are available for ABIN1842880.