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Datasheet for ABIN7236334 anti-ACLY antibody

2 Images



### Overview

Quantity:	200 µL
Target:	ACLY
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACLY antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

## Product Details

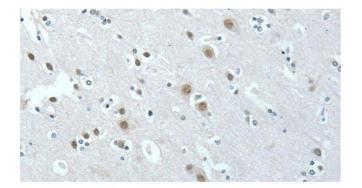
Immunogen:	Recombinant protein of human ACLY
lsotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## 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
	citrate and CoA with a concomitant hydrolysis of ATP to ADP and phosphate. The product,

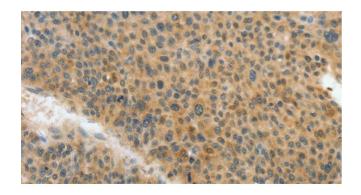
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	acetyl-CoA, serves several important biosynthetic pathways, including lipogenesis and
	cholesterogenesis. In nervous tissue, ATP citrate-lyase may be involved in the biosynthesis of
	acetylcholine. Two transcript variants encoding distinct isoforms have been identified for this
	gene.
UniProt:	P53396
Pathways:	Warburg Effect
Application Details	
Application Notes:	IHC 1:50-1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.4 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
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:	Store at -20°C. Avoid freeze / thaw cycles.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human brain tissue using ACLY Polyclonal Antibody at dilution 1:40



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of paraffin-embedded Human liver cancer tissue using ACLY Polyclonal Antibody at dilution 1:40

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