.-online.com antibodies

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

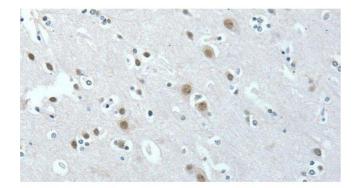
| Immunogen: | Recombinant protein of human ACLY |
|------------------|-----------------------------------|
| lsotype: | IgG |
| Characteristics: | Polyclonal Antibody |
| Purification: | Affinity purification |

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, |

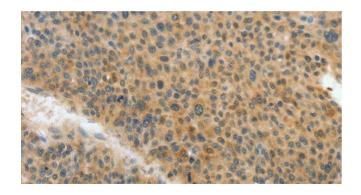
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN7236334 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

| | 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

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN7236334 | 09/10/2023 | Copyright antibodies-online. All rights reserved.