
Product Name: ACSS1 Rabbit Polyclonal Antibody**Catalog #: APRab06537**

For research use only.

Summary

| | |
|----------------------|---|
| Description | Rabbit polyclonal Antibody |
| Host | Rabbit |
| Application | WB,ELISA |
| Reactivity | Human,Mouse,Rat |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Polyclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| Purification | Affinity purification |

Application

| | |
|-------------------------|---------------------------------------|
| Dilution Ratio | WB 1:500-1:2000,ELISA 1:10000-1:20000 |
| Molecular Weight | 75kDa |

Antigen Information

| | |
|--------------------------|---|
| Gene Name | ACSS1 ACAS2L KIAA1846 |
| Alternative Names | ACSS1 ACAS2L KIAA1846 |
| Gene ID | 84532.0 |
| SwissProt ID | Q9NUB1 |
| Immunogen | Synthetic peptide from human protein at AA range: 620-689 |

Background

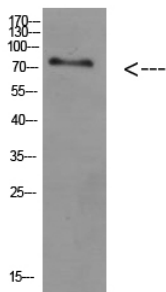
This gene encodes a mitochondrial acetyl-CoA synthetase enzyme. A similar protein in mice plays an important role in the tricarboxylic acid cycle by catalyzing the conversion of acetate to acetyl CoA. Alternatively spliced transcript variants encoding

multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011],catalytic activity:ATP + acetate + CoA = AMP + diphosphate + acetyl-CoA.,function:Converts acetate to acetyl-CoA so that it can be used for oxidation through the tricarboxylic cycle to produce ATP and CO(2).,sequence caution:Sequencing errors.,similarity:Belongs to the ATP-dependent AMP-binding enzyme family.,

Research Area

Glycolysis / Gluconeogenesis;Pyruvate metabolism;Propanoate metabolism;

Image Data



Western Blot analysis of HEPG2 cells using Antibody diluted at 800. Secondary antibody was diluted at 1:20000