Product Name: ACSS1 Rabbit Polyclonal Antibody
Catalog #: APRab06537

Summary

Production Name	ACSS1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

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

Application

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

Background

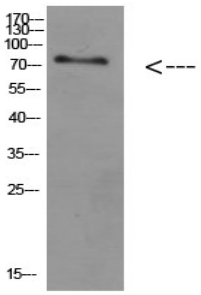
This gene encodes a mitochondrial acetyl-CoA synthetase enzyme. A similar protein in mice plays an important role in the tricarboxylic acid cycle by catalyzing the conversion of acetate to acetyl CoA. Alternatively spliced transcript variants

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

Note

For research use only.