



ACSS1 Polyclonal Antibody

Catalog No	YP-Ab-02892
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	ACSS1 ACAS2L KIAA1846
Immunogen	Synthetic peptide from human protein at AA range: 620-689
Specificity	The antibody detects endogenous ACSS1 protein
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000, ELISA 1:10000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ACAS2L;Acetate--CoA ligase 2;Acetyl-CoA synthetase 2;Acetyl-coenzyme A synthetase 2-like;mitochondrial;ACSS 1;ACSS1;ACSS1 ACAS2L KIAA1846; acyl-CoA synthetase short-chain family member 1
Observed Band	75kD
Calculated Molecular Weight	75kD
Cell Pathway	Mitochondrion matrix .
Tissue Specificity	Amygdala,Brain,PCR rescued clones,Placenta,Spleen,Stomach,T
Function	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.,
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],

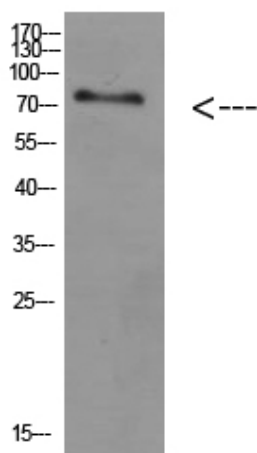
**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of HEPG2 cells using Antibody diluted at 800. Secondary antibody(catalog#:RS0002) was diluted at 1:20000