

**(** Tel: 400-999-8863 ■ Email:Upingbio.163.com



## ACSS1 Polyclonal Antibody

ACSS1. AA range:611-660  Specificity ACSS1 Polyclonal Antibody detects endogenous levels of 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 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms ACSS1; ACAS2L; KIAA1846; Acetyl-coenzyme A synthetase 2-like; mitochondrial; Acetate—CoA ligase 2; Acetyl-CoA synthetase 2; AceCS2; Acyl-CoA synthetase short-chain family member 1  Observed Band 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-bind enzyme family.  Background This gene encodes a mitochondrial acetyl-CoA synthetase enzyme. A similar protein in mice plays an important role in the tricarboxylic cycle acid cycle by catalyze the conversion of acetate to acetyl-CoA. Alternatively spliced transcript variants the conversion of acetate to acetyl-CoA. Alternatively spliced transcript variants		
Reactivity         Human;Mouse           Applications         WB;IHC;IF;ELISA           Gene Name         ACSS1           Protein Name         Acetyl-coenzyme A synthetase 2-like mitochondrial           Immunogen         The antiserum was produced against synthesized peptide derived from human ACSS1. AA range;611-660           Specificity         ACSS1 Polyclonal Antibody detects endogenous levels of 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 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         ACSS1; ACAS2L; KIAA1846; Acetyl-coenzyme A synthetase 2-like; mitochondrial; AcetateCoA ligase 2; Acetyl-CoA synthetase 2; AceCS2; Acyl-CoA synthetase short-chain family member 1           Observed Band         75kD           Cell Pathway         Mitochondrion matrix .           Tissue Specificity         Amygdala,Brain,PCR rescued clones,Placenta,Spleen,Stomach,T           Function         catalytic activity:ATP + acetate + CoA = AMP + diphosphate +	Catalog No	YP-Ab-02475
Applications WB;IHC;IF;ELISA  Gene Name ACSS1  Protein Name Acetyl-coenzyme A synthetase 2-like mitochondrial  Immunogen The antiserum was produced against synthesized peptide derived from human ACSS1. AA range:611-660  Specificity ACSS1 Polyclonal Antibody detects endogenous levels of 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 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms ACSS1; ACAS2L; KIAA1846; Acetyl-coenzyme A synthetase 2-like; mitochondrial; Acetate—CoA ligase 2; Acetyl-CoA synthetase 2; AceCS2; Acyl-CoA synthetase short-chain family member 1  Observed Band 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 synthetase bused for oxidation through the tricarboxytic cycle to produce ATP and CO(2), sequence caution: Sequencing errors, similarity: Belongs to the ATP-dependent AMP-bind enzyme family.  This gene encodes a mitochondrial acetyl-CoA synthetase enzyme, A similar protein in mice plays an important role in the tricarboxylic acid cycle detycataly the conversion of acetate to acetyl-CoA, synthetase enzyme, A similar protein in mice plays an important role in the tricarboxylic acid cycle detycataly the conversion of acetate to acetyl-CoA.	Isotype	IgG
Gene Name         ACSS1           Protein Name         Acetyl-coenzyme A synthetase 2-like mitochondrial           Immunogen         The antiserum was produced against synthesized peptide derived from human ACSS1. AA range:611-660           Specificity         ACSS1 Polyclonal Antibody detects endogenous levels of 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-purifiled from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         ACSS1; ACAS2L; KIAA1846; Acetyl-coenzyme A synthetase 2-like; mitochondrial; AcetateCoA ligase 2; Acetyl-CoA synthetase 2; AceCS2; Acyl-CoA synthetase short-chain family member 1           Observed Band         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 synthetase enzyme A similar protein in mice plays an important role in the tricarboxylic acid cycle by ca	Reactivity	Human;Mouse
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encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011],	Synonyms  Observed Band Cell Pathway Tissue Specificity	ACSS1; ACAS2L; KIAA1846; Acetyl-coenzyme A synthetase 2-like; mitochondrial; AcetateCoA ligase 2; Acetyl-CoA synthetase 2; AceCS2; Acyl-CoA synthetase short-chain family member 1  75kD  Mitochondrion matrix .  Amygdala,Brain,PCR rescued clones,Placenta,Spleen,Stomach,T  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



## UpingBio technology Co.,Ltd

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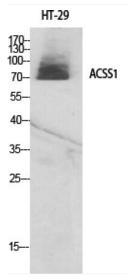
matters needing attention

Avoid repeated freezing and thawing!

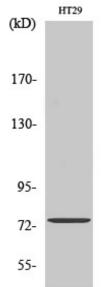
**Usage suggestions** 

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

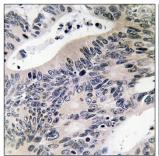
## **Products Images**

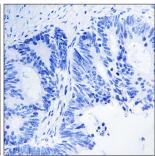


Western Blot analysis of various cells using ACSS1 Polyclonal Antibody



Western Blot analysis of HT29 cells using ACSS1 Polyclonal Antibody





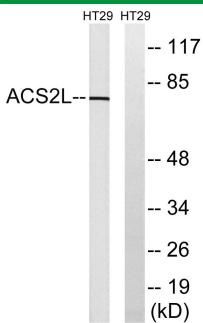
Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using ACSS1 Antibody. The picture on the right is blocked with the synthesized peptide.



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Western blot analysis of lysates from HT-29 cells, using ACSS1 Antibody. The lane on the right is blocked with the synthesized peptide.