

产品名称: ACSS1 Rabbit Polyclonal Antibody
产品货号: APRab06536



产品概述 (Summary)

产品名称 (Production Name)	ACSS1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ACSS1
别名 (Alternative Names)	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
基因 ID (Gene ID)	84532.0
蛋白 ID (SwissProt ID)	Q9NUB1.The antiserum was produced against synthesized peptide derived from human ACSS1. AA range:611-660

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	75kDa

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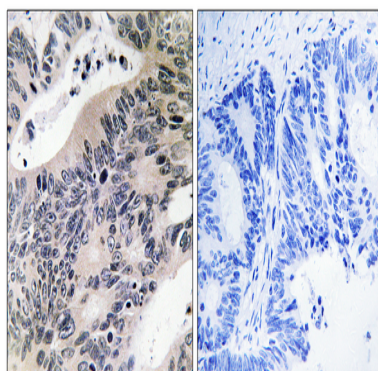
研究背景 (Background)

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,.

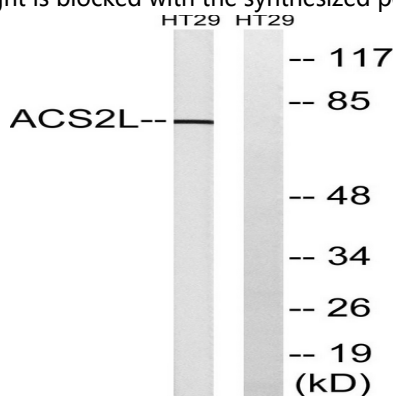
研究领域 (Research Area)

Glycolysis / Gluconeogenesis; Pyruvate metabolism; Propanoate metabolism;

图片 (Image Data)

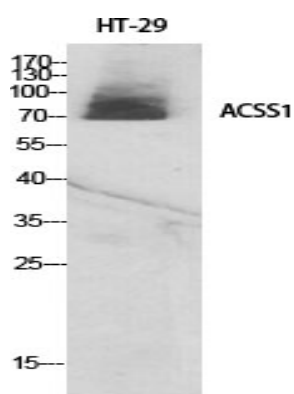


Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using ACSS1 Antibody. The picture on the right is blocked with the synthesized peptide.



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

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Western Blot analysis of various cells using ACSS1 Polyclonal Antibody



Western Blot analysis of HT29 cells using ACSS1 Polyclonal Antibody

注意事项 (Note)

For research use only .