

## ACSS1 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP00203
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ACSS1. AA range:611-660
<b>Mol wt</b>	74857
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	ACSS1 Antibody
<b>Synonyms</b>	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

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

ACSS1 encodes a mitochondrial acetyl-CoA synthetase enzyme (acyl-CoA synthetase short-chain family member 1). 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 ACSS1.

### Recommended Dilution

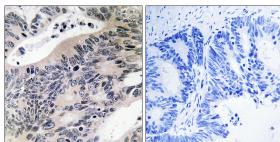
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

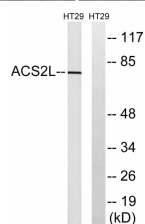
ELISA: 1: 40000

Not yet tested in other applications.

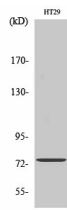
### Images



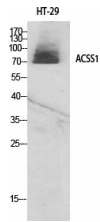
Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using ACSS1 Antibody. The picture on the right is blocked with the synthesized peptide.



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



Western Blot analysis of HT29 cells using ACS1 Polyclonal Antibody



Western Blot analysis of various cells using ACS1 Polyclonal Antibody

### Storage

-20°C for one year

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