

## ACSS2 (Acetyl Lys418) Rabbit Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP00232
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized peptide derived from human ACSS2 (Acetyl Lys418)
<b>Mol wt</b>	77110
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	ACSS2
<b>Synonyms</b>	ACSS2; Acetyl-coenzyme A synthetase; cytoplasmic; EC 6.2.1.1; Acetate--CoA ligase; Acetyl-CoA synthetase; ACS; AceCS; Acyl-CoA synthetase short-chain family member 2; Acyl-activating enzyme

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

### Background

This gene encodes a cytosolic enzyme that catalyzes the activation of acetate for use in lipid synthesis and energy generation. The protein acts as a monomer and produces acetyl-CoA from acetate in a reaction that requires ATP. Expression of this gene is regulated by sterol regulatory element-binding proteins| transcription factors that activate genes required for the synthesis of cholesterol and unsaturated fatty acids. Alternative splicing results in multiple transcript variants.

### Recommended Dilution

WB: 1: 1000 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year

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