

ACSS2 (Acetyl Lys418) Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00232
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human ACSS2 (Acetyl Lys418)
Mol wt	77110
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	ACSS2
Synonyms	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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