

ACSA Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP14105
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human protein . at AA range: 40-120
Mol wt	N/A
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Acetyl-coenzyme A synthetase cytoplasmic
Synonyms	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: 500 - 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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