

ACSS2

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:10 - 1:100

Calculated MW: 78kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human ACSS2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

ACS; ACSA; ACAS2; ACECS; dJ1161H23.1;

Catalog #: A6472

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 55902

Isotype: IgG

Swiss Prot: Q9NR19

Purity: Affinity purification

For research use only.

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.

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