

## ACSS2

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**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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