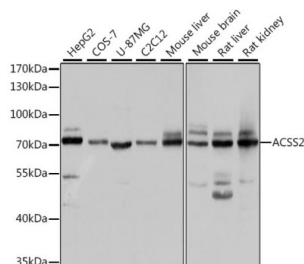
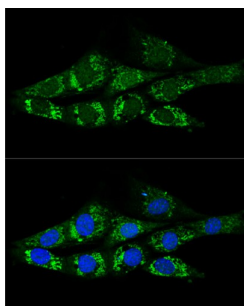


## Acetyl-Coenzyme A Synthetase, Cytoplasmic (ACSS2) Antibody

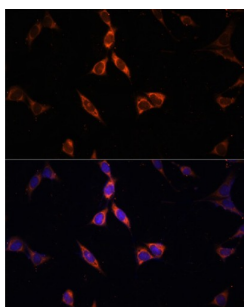
Catalogue No.: abx004962



Western blot analysis of various lysates using ACSS2 Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 5s.



Confocal immunofluorescence analysis of NIH-3T3 cells using ACSS2 Antibody at dilution of 1/200. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using ACSS2 Antibody at dilution of 100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.

ACSS2 Antibody is a Rabbit Polyclonal antibody against ACSS2. 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.

**Target:** Acetyl-Coenzyme A Synthetase, Cytoplasmic (ACSS2)

**Clonality:** Polyclonal

**Reactivity:** Human, Mouse, Rat

**Tested Applications:** ELISA, WB, IF/ICC

**Host:** Rabbit

# Datasheet

Version: 3.0.0  
Revision date: 26 Jun 2025



**Recommended dilutions:** ELISA: 1 µg/ml, WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 462-701 of human ACSS2.

**Isotype:** IgG

**Form:** Liquid

**Purification:** Purified by affinity chromatography.

**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

**UniProt Primary AC:** Q9NR19 ([UniProt](#), [ExPASy](#))

**Gene Symbol:** ACSS2

**GeneID:** [55902](#)

**NCBI Accession:** NP\_061147.1

**String:** [9606.ENSP00000253382](#)

**Molecular Weight:** Calculated MW: 79 kDa  
Observed MW: 78 kDa

**Buffer:** PBS, pH 7.3, containing 0.01% thimerosal, 50% glycerol.

**Concentration:** > 0.2 mg/ml

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.