

# ACSS2/ACS Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID Q9NR19.1

Catalog No. A305-292A-T GeneID 55902

Lot No. A305-292A-T-1

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<b>APPLICATIONS</b>	IP
<b>SPECIES REACTIVITY</b>	Human
<b>PRESUMED REACTIVITY</b>	Based on 100% sequence identity, this antibody is predicted to react with Mouse
<b>AMOUNT</b>	10 µl
<b>CONCENTRATION</b>	1000 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8°C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antibody was affinity purified using an epitope specific to ACSS2/ACS immobilized on solid support.

The epitope recognized by A305-292A-T maps to a region between residue 25 to 75 of human Acetyl-coenzyme A synthetase, cytoplasmic using the numbering given in entry Q9NR19.1 (GeneID 55902).

Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

**APPLICATIONS** Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

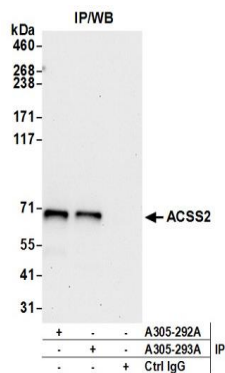
Western Blot Not recommended. Use rabbit anti-ACSS2/ACS antibody A305-293A.

Immunoprecipitation 2 – 10 µg/mg lysate

**ADDITIONAL INFO** <https://www.bethyl.com/product/A305-292A-T>

Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: [https://www.bethyl.com/content/protocol\\_IP\\_WB](https://www.bethyl.com/content/protocol_IP_WB)

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Michael Spencer, PhD Date: June 6, 2022



**Detection of human ACSS2 by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from Hep-G2 cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-ACSS2 antibody A305-292A (lot A305-292A-1) used for IP at 6  $\mu$ g per reaction. ACSS2 was also immunoprecipitated by rabbit anti-ACSS2 antibody A305-293A. For blotting immunoprecipitated ACSS2, A305-292A was used at 1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.