

# HACL1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID Q9UJ83.2

Catalog No. A305-579A-T

GeneID 26061

Lot No. A305-579A-T-1

**APPLICATIONS** WB, IP

**SPECIES REACTIVITY** Human, Mouse

**AMOUNT** 10 µl

**CONCENTRATION** 1000 µg/ml

**STORAGE/SHELF LIFE** 2 – 8°C / 1 year from date of receipt

**PHYSICAL STATE** Liquid

**BUFFER** Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide

**ISOTYPE** IgG

**ORIGIN** USA

**PRODUCTION PROCEDURES** Antibody was affinity purified using an epitope specific to HACL1 immobilized on solid support.

The epitope recognized by A305-579A-T maps to a region between residue 528 to 578 of human 2-hydroxyacyl-CoA lyase 1 using the numbering given in entry Q9UJ83.2 (GeneID 26061).

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.

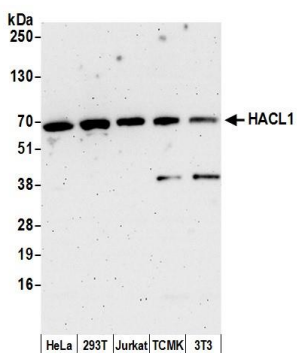
Western Blot 1:2,000 – 1:10,000

Immunoprecipitation 20 µl/mg lysate

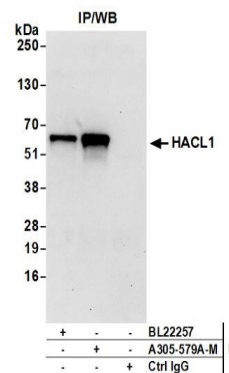
**ADDITIONAL INFO** <https://www.bethyl.com/product/A305-579A-T>

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 and mouse HACL1 by western blot.**  
*Samples:* Whole cell lysate (15 µg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-HACL1 antibody A305-579A-T (lot A305-579A-T-1) used for WB at 1:1000. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



**Detection of human HACL1 by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-HACL1 antibody A305-579A-T (lot A305-579A-T-1) used for IP at 20 µl per reaction. HACL1 was also immunoprecipitated by rabbit anti-HACL1 antibody BL22257. For blotting immunoprecipitated HACL1, A305-579A-T was used at 1:250. *Detection:* Chemiluminescence with an exposure time of 30 seconds.