## **HCS Antibody**

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_001229714.1

Catalog No. A304-261A GenelD 3141

Lot No. A304-261A-1

APPLICATIONS WB, IP

SPECIES REACTIVITY Human

AMOUNT 100 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 HCS immobilized on solid support.

The epitope recognized by A304–261A maps to a region between residue 1 to 50 of human Holocarboxylase Synthetase using the numbering given in entry NP\_001229714.1 (GeneID 3141).

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 1:1,000 - 1:5,000

Immunoprecipitation 2 – 10 µg/mg lysate

**APPLICATION NOTES** Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. \$100–020),

Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE

(link to IP-western blot protocol in Additional Info section below).

Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

ADDITIONAL INFO https://www.bethvl.com/product/A304-261A

Use the link above to view SDS, a current list of citations, and other product specific information.

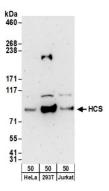
IP-western blot protocol: https://www.bethyl.com/content/protocol IP WB

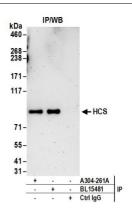
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019



HCS Antibody A304-261A





Detection of human HCS by western blot. Samples: Whole cell lysate (50 μg) from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-HCS antibody A304-261A (lot A304-261A-1) used for WB at 0.4 μg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

Detection of human HCS by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-HCS antibody A304–261A (lot A304–261A–1) used for IP at 6 μg per reaction. HCS was also immunoprecipitated by rabbit anti-HCS antibody BL15481. For blotting immunoprecipitated HCS, A304–261A was used at 1 μg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.