

CTPS2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_001137474.1

Catalog No. A304-415A-T

GeneID 56474

Lot No. A304-415A-T-1

| | |
|------------------------------|---|
| APPLICATIONS | WB, IP |
| SPECIES REACTIVITY | Human |
| 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 CTPS2 immobilized on solid support. |

The epitope recognized by A304-415A-T maps to a region between residue 536 to 586 of human Cytidine 5'-Triphosphate Synthetase 2 using the numbering given in entry NP_001137474.1 (GeneID 56474).

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

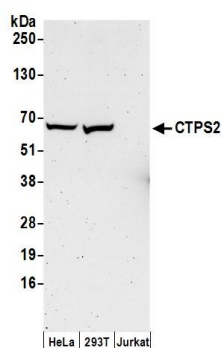
Western Blot 1:1,000 – 1:5,000

Immunoprecipitation 2 – 10 µg/mg lysate

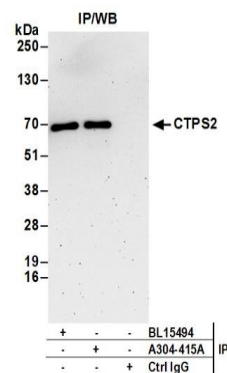
ADDITIONAL INFO <https://www.bethyl.com/product/A304-415A-T>

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

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 CTPS2 by western blot. *Samples:* Whole cell lysate (50 μ g) prepared using NETN buffer from HeLa, HEK293T, and Jurkat cells. *Antibodies:* Affinity purified rabbit anti-CTPS2 antibody A304-415A (lot A304-415A-1) used for WB at 0.4 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human CTPS2 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP; 20% of IP loaded) prepared using NETN buffer from 293T cells. *Antibodies:* Affinity purified rabbit anti-CTPS2 antibody A304-415A (lot A304-415A-1) used for IP at 6 μ g per reaction. CTPS2 was also immunoprecipitated by rabbit anti-CTPS2 antibody BL15494. For blotting immunoprecipitated CTPS2, A304-415A was used at 1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.