CCT3 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_005989.3

Catalog No. A303-459A GeneID 7203

Lot No. A303-459A-1

APPLICATIONS WB, IP, IHC

SPECIES REACTIVITY Human. Mouse

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Bovine and Orangutan

AMOUNT 100 μl

CONCENTRATION 200 µg/ml

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

PHYSICAL STATE Liquid

BUFFER Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide

ISOTYPE IgG
ORIGIN USA

PRODUCTION PROCEDURES

Antibody was affinity purified using an epitope specific to CCT3 immobilized on solid support.

The epitope recognized by A303–459A maps to a region between residue 495 and 545 of human

Chaperonin containing TCP1, Subunit 3 using the numbering given in entry NP_005989.3

(GeneID 7203).

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 2 – 10 µg/mg lysate

Immunohistochemistry 1:100 – 1:500. Epitope retrieval with citrate buffer pH 6.0 is

recommended for FFPE tissue sections.

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 4-20% SDS-PAGE

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

Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.

IHC HUMAN CONTROLS Breast Carcinoma, Ovarian Carcinoma

IHC MOUSE CONTROLS Teratoma

ADDITIONAL INFO https://www.bethyl.com/product/A303-459A

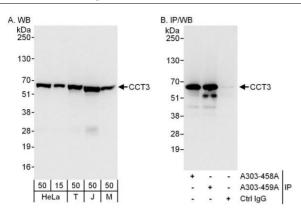
Use the link above to view SDS, a current list of citations, and other product specific information.

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

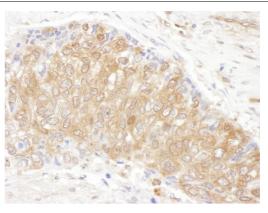
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



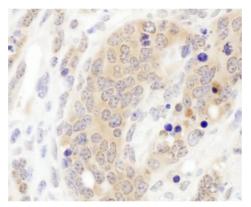
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Detection of human and mouse CCT3 by western blot (h and m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (15 and 50 μg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 μg), Jurkat (J; 50 μg) and mouse NIH 3T3 (M; 50 μg) cells. Antibodies: Affinity purified rabbit anti–CCT3 antibody A303–459A used for WB at 0.04 $\mu g/ml$ (A) and 0.4 $\mu g/ml$ (B) and used for IP at 6 $\mu g/mg$ lysate. CCT3 was also immunoprecipitated by rabbit anti–CCT3 antibody A303–458A, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 3 seconds (A and B).



Detection of human CCT3 by immunohistochemistry. *Sample:* FFPE section of human lung carcinoma. *Antibody:* Affinity purified rabbit anti- CCT3 (Cat. No. A303-459A Lot1) used at a dilution of 1:200 (1µg/ml). *Detection:* DAB. *Counterstain:* hematoxylin (blue).



Detection of mouse CCT3 by immunohistochemistry. *Sample:* FFPE section of mouse teratoma. *Antibody:* Affinity purified rabbit anti- CCT3 (Cat. No. A303-459A Lot1) used at a dilution of 1:200 (1µg/ml). *Detection:* DAB