CAP-D2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A300-601A-T

Lot No. A300-601A-T-1

Protein ID NP_055680.2

GeneID 9918

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
AMOUNT	10 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 CAP-D2 immobilized on solid support. The epitope recognized by A300-601A-T maps to a region between residue 1350 and the C-terminus (residue 1401) of human Chromosome Associated Protein D2 (Chromosome Condensation-Related SMC-Associated Protein 1) using the numbering given in entry NP_055680.2 (GeneID 9918).
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	1 - 4 µg/mg lysate

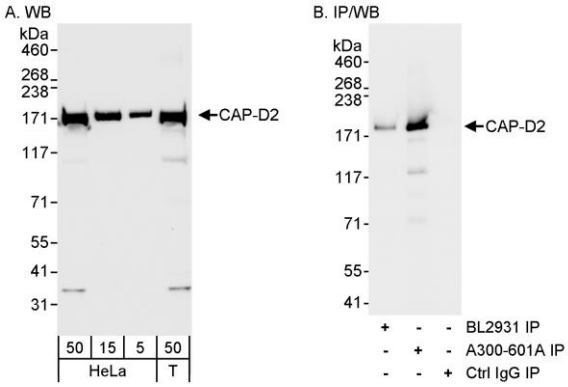
ADDITIONAL INFO https://www.bethyl.com/product/A300-601A-T

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 CAP-D2 by western blot and immunoprecipitation. *Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (50 µg for WB) cells. *Antibodies:* Affinity purified rabbit anti-CAP-D2 antibody A300-601A used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and for IP at 3 µg/mg lysate (B). CAP-D2 was also immunoprecipitated using rabbit anti-CAP-D2 antibody BL2931, which binds an upstream epitope. *Detection:* Chemiluminescence with exposure times of 30 seconds (A and B).