

COPA Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_004362.2

Catalog No. A304-515A

GeneID 1314

Lot No. A304-515A-2

APPLICATIONS	WB
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Bovine
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 COPA immobilized on solid support.

The epitope recognized by A304-515A maps to a region between residue 1174 to 1224 of human Coatmer Protein Complex, Subunit Alpha using the numbering given in entry NP_004362.2 (GeneID 1314).

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.

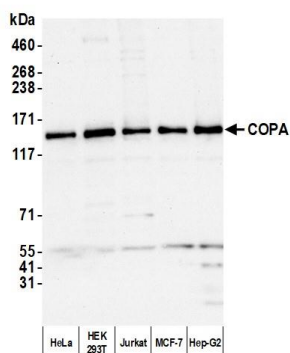
Western Blot 1:2,000 – 1:10,000

Immunoprecipitation Not recommended

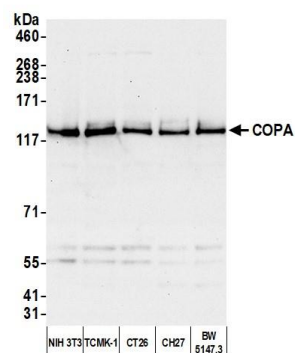
ADDITIONAL INFO <https://www.bethyl.com/product/A304-515A>

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

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: February 1, 2022



Detection of human COPA by western blot. *Samples:* Whole cell lysate (10 μ g) from HeLa, HEK293T, Jurkat, MCF-7, and Hep-G2 cells prepared using NETN lysis buffer. ***Antibody:*** Affinity purified rabbit anti-COPA antibody (A304-515A lot 2) used for WB at 0.04 μ g/ml. ***Detection:*** Chemiluminescence with an exposure time of 10 seconds.



Detection of mouse COPA by western blot. *Samples:* Whole cell lysate (10 μ g) from NIH 3T3, TCMK-1, CT26, CH27, and BW5147.3 cells prepared using NETN lysis buffer. ***Antibody:*** Affinity purified rabbit anti-COPA antibody (A304-515A lot 2) used for WB at 0.04 μ g/ml. ***Detection:*** Chemiluminescence with an exposure time of 10 seconds.