CENP-E Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_001804.2

Catalog No. A301-943A GenelD 1062

Lot No. A301-943A-1

APPLICATIONS 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 CENP-E immobilized on solid support.

The epitope recognized by A301-943A maps to a region between residue 2500 and 2550 of human centromere protein E using the numbering given in entry NP_001804.2 (GeneID 1062).

Immunoglobulin 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 Not recommended

Immunoprecipitation 2 – 5 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 3-8% SDS-PAGE

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

ADDITIONAL INFO https://www.bethyl.com/product/A301-943A

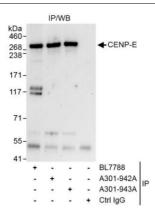
Use the link above to view SDS, a current list of citations, and other product specific information.

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





Detection of human CENP-E by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-CENP-E antibody A301-943A used for IP at 3 μg/mg lysate. CENP-E was also immunoprecipitated by rabbit anti-CENP-E antibodies BL7788 and A301-942A, which recognize upstream epitopes. For blotting immunoprecipitated CENP-E, BL7788 was used at 1 μg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.