CEP97 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A301-945A

Lot No. A301-945A-1

Protein ID NP_078824.2

GeneID 79598

APPLICATIONS	WB, 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 CEP97 immobilized on solid support. The epitope recognized by A301-945A maps to a region between residue 625 and 675 of human centrosomal protein 97kDa using the numbering given in entry NP_078824.2 (GeneID 79598). 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	1:2,000 - 1:10,000
Immunoprecipitation	2 - 5 µg/mg lysate

APPLICATION NOTES	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.
ADDITIONAL INFO	https://www.bethyl.com/product/A301-945A 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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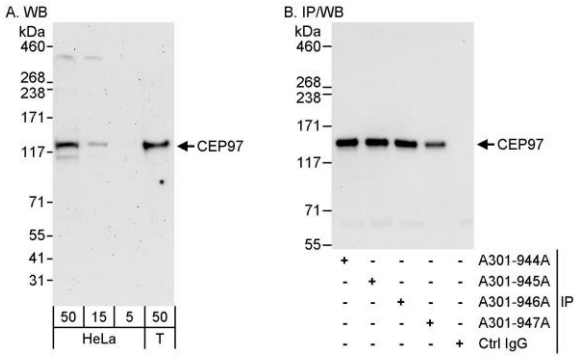

Detection of human CEP97 by western blot and immunoprecipitation. *Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-CEP97 antibody A301-945A used for WB at 0.1 µg/ml (A) and 1 µg/ml (B) and used for IP at 3 µg/mg lysate. CEP97 was also immunoprecipitated by rabbit anti-CEP97 antibodies A301-944A, A301-946A and A301-947A, which recognize other epitopes. *Detection:* Chemiluminescence with exposure times of 3 minutes (A) and 10 seconds (B).

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