

CENP-T Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_079358.3

Catalog No. A302-313A

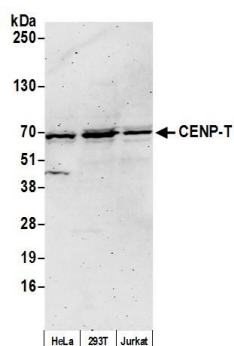
GeneID 80152

Lot No. A302-313A-2

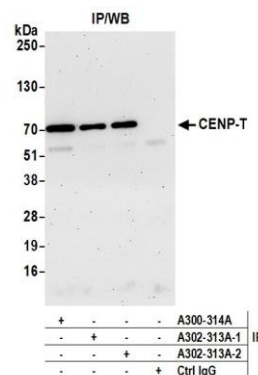


APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to CENP-T immobilized on solid support. The epitope recognized by A302-313A maps to a region between residue 480 and 520 of human centromere protein T using the numbering given in entry NP_079358.3 (GeneID 80152). 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 – 10 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 4-20% 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.
ADDITIONAL INFO	https://www.bethyl.com/product/A302-313A 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: November 13, 2019



Detection of human CENP-T by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-CENP-T antibody A302-313A (lot A302-313A-2) used for WB at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human CENP-T by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-CENP-T antibody A302-313A (lot A302-313A-2) used for IP at 6 µg per reaction. CENP-T was also immunoprecipitated by a previous lot of this antibody (lot A302-313A-1) and rabbit anti-CENP-T antibody A300-314A. For blotting immunoprecipitated CENP-T, A302-313A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.