CTR9 Antibody

Rabbit Polyclonal
Antigen Affinity Purified

Catalog No. A301-395A
Lot No. A301-395A-4

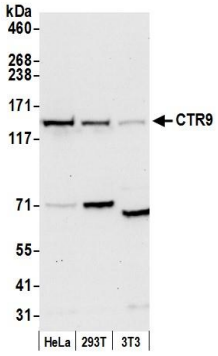
Protein ID NP_055448.1
GeneID 9646

APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human, Mouse
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 CTR9 immobilized on solid support. The epitope recognized by A301-395A maps to a region between residue 1123 and 1173 of human Paf1/RNA polymerase II complex component homolog CTR9 using the numbering given in entry NP_055448.1 (GeneID 9646). 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.

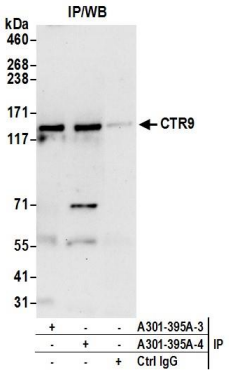
Western Blot	1:2,000 - 1:10,000
Immunoprecipitation	2 - 10 µg/mg lysate
Immunohistochemistry	1:1,000 - 1:5,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

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.
IHC HUMAN CONTROLS	Breast Carcinoma, Ovarian Carcinoma
IHC MOUSE CONTROLS	Renal Cell Carcinoma
ADDITIONAL INFO	https://www.bethyl.com/product/A301-395A 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

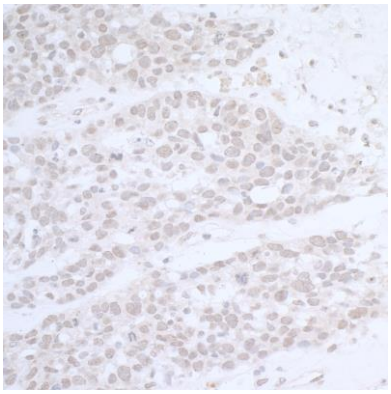
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



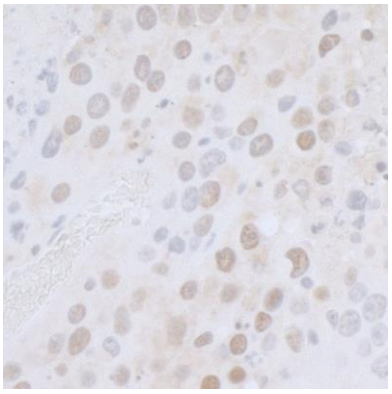
Detection of human and mouse CTR9 by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, and mouse NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-CTR9 antibody A301-395A (lot A301-395A-4) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human CTR9 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-CTR9 antibody A301-395A (lot A301-395A-4) used for IP at 6 µg per reaction. CTR9 was also immunoprecipitated by a previous lot of this antibody (lot A301-395A-3). For blotting immunoprecipitated CTR9, A301-395A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human CTR9 by immunohistochemistry. *Sample:* FFPE section of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti-CTR9 (Cat. No. A301-395A Lot 4) used at a dilution of 1:5,000 (0.2µg/ml). *Detection:* DAB



Detection of mouse CTR9 by immunohistochemistry. *Sample:* FFPE section of mouse renal cell carcinoma. *Antibody:* Affinity purified rabbit anti-CTR9 (Cat. No. A301-395A Lot 4) used at a dilution of 1:5,000 (0.2µg/ml). *Detection:* DAB