CSTF2T/TauCSTF64 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_056050.1

Catalog No. A301-487A GeneID 23283

Lot No. A301-487A-3

APPLICATIONS WB, IP, IHC
SPECIES REACTIVITY Human

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with 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 Antibody was affinity purified using an epitope specific to CSTF2T/TauCSTF64 immobilized on

PROCEDURES solid support.

The epitope recognized by A301-487A maps to a region between residue 566 and 616 of human cleavage stimulation factor 64 kDa subunit, tau variant using the numbering given in entry

NP 056050.1 (GenelD 23283).

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

Immunohistochemistry 1:500 - 1:2,000. 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. \$100-020),

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, Skin Basal Cell Carcinoma, Testicular Seminoma

ADDITIONAL INFO https://www.bethyl.com/product/A301-487A

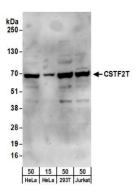
Use the link above to view SDS, a current list of citations, and other product specific information.

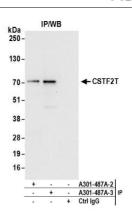
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

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

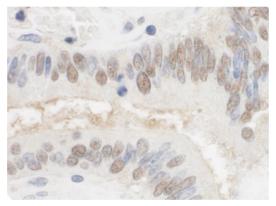






Detection of human CSTF2T by western blot. Samples: Whole cell lysate from HeLa (15 and 50 μg), HEK293T (50 μg), and Jurkat (50μg) cells. Antibodies: Affinity purified rabbit anti-CSTF2T antibody A301-487A (lot A301-487A-3) used for WB at 0.4 μg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

Detection of human CSTF2T 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-CSTF2T antibody A301-487A (lot A301-487A-3) used for IP at 6 μg/mg lysate. CSTF2T was also immunoprecipitated by a prior lot (A301-487A-2) of this antibody. For blotting immunoprecipitated CSTF2T, A301-487A was used at 1 μg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.



Detection of human CSTF2T/TauCSTF64 by immunohistochemistry. *Sample:* FFPE section of human colon carcinoma. *Antibody:* Affinity purified rabbit anti-CSTF2T/TauCSTF64 (Cat. No. A301–487A Lot3) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB