

CSTF64 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_001316.1

Catalog No. A301-093A

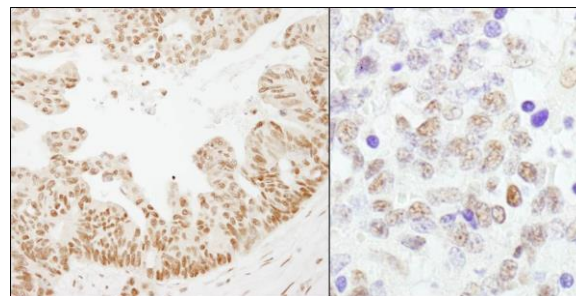
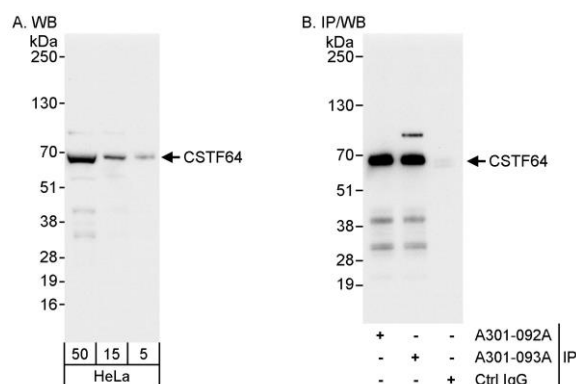
GeneID 1478

Lot No. A301-093A-1



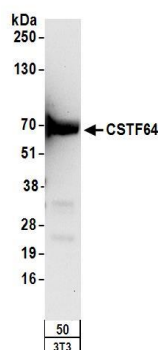
APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Bovine and Orangutan
AMOUNT	100 µl
CONCENTRATION	200 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	<p>Antibody was affinity purified using an epitope specific to CSTF64 immobilized on solid support.</p> <p>The epitope recognized by A301-093A maps to a region between residue 527 and 577 of human cleavage stimulation factor, 3' pre-RNA, subunit 2, 64kDa using the numbering given in entry NP_001316.1 (GeneID 1478).</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <p>Western Blot 1:2,000 - 1:10,000</p> <p>Immunoprecipitation 2 - 5 µg/mg lysate</p> <p>Immunohistochemistry 1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</p>
APPLICATION NOTES	<p>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).</p> <p>Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.</p>
IHC HUMAN CONTROLS	Breast Carcinoma, Colon Carcinoma, Linitis Plastica Stomach Cancer, Ovarian Carcinoma, Pancreatic Islet Cell Tumor, Small Cell Lung Cancer, Stomach Adenocarcinoma, Testicular Seminoma
IHC MOUSE CONTROLS	Teratoma
ADDITIONAL INFO	<p>https://www.bethyl.com/product/A301-093A</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p> <p>IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB</p>

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 CSTF64 by western blot and immunoprecipitation. *Samples:* Whole cell lysate (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-CSTF64 antibody A301-093A used for WB at 0.04 µg/ml (A) and 0.1 µg/ml (B) and used for IP at 3 µg/mg lysate. CSTF64 was also immunoprecipitated by rabbit anti-CSTF64 antibody A301-092A, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 3 seconds (A and B).

Detection of human and mouse CSTF64 by immunohistochemistry. *Sample:* FFPE section of human ovarian carcinoma (left) and mouse teratoma (right). *Antibody:* Affinity purified rabbit anti-CSTF64 (Cat. No. A301-093A) used at a dilution of 1:1,000 (1 µg/ml). *Detection:* DAB



Detection of mouse CSTF64 by western blot. *Samples:* Whole cell lysate (50 µg) from NIH 3T3 cells. *Antibodies:* Affinity purified rabbit anti-CSTF64 antibody A301-093A (lot A301-093A-1) used for WB at 0.2 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.