MED1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A300-793A

Lot No. A300-793A-11

Protein ID NP_004765.2

GeneID 5469

APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Orangutan
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 MED1 immobilized on solid support. The epitope recognized by A300-793A maps to a region between residue 1525 and the C-terminus (residue 1581) of human Mediator complex subunit 1 using the numbering given in entry NP_004765.2 (GeneID 5469). 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.

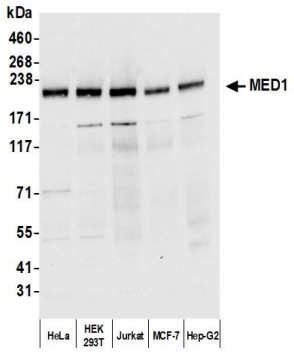
Western Blot	1:2,000 - 1:10,000
Immunoprecipitation	2 - 10 µg/mg lysate
Immunohistochemistry	1:1,000 to 1:5,000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

IHC HUMAN CONTROLS	Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Prostate Carcinoma, Stomach Adenocarcinoma, Testicular Seminoma
IHC MOUSE CONTROLS	Renal Cell Carcinoma
ADDITIONAL INFO	https://www.bethyl.com/product/A300-793A 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

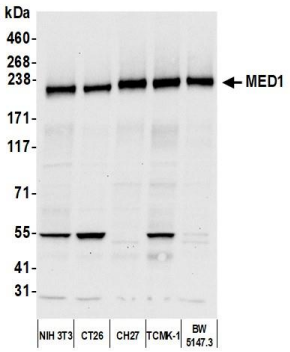
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD

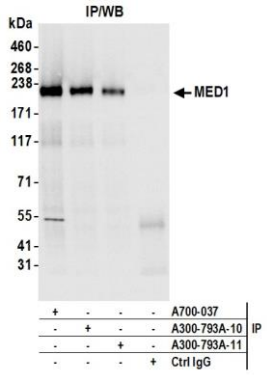
Date: March 24, 2022



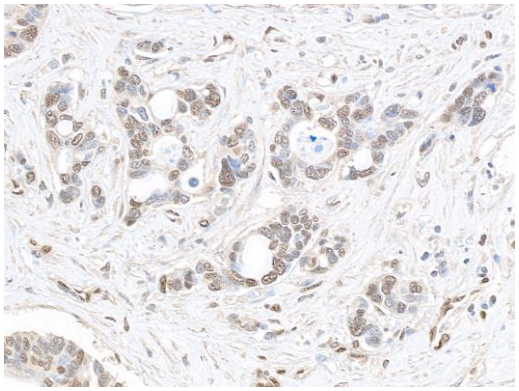
Detection of human MED1 by western blot. *Samples:* Whole cell lysate (5 µg) from HeLa, HEK293T, Jurkat, MCF-7, and Hep-G2 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-MED1 antibody (A300-793A lot 11) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.



Detection of mouse MED1 by western blot. *Samples:* Whole cell lysate (10 µg) from NIH 3T3, CT26, CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-MED1 antibody (A300-793A lot 11) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.



Detection of human MED1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 mg per IP reaction; 5% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-MED1 antibody (A300-793A lot 11) used for IP at 6 µg per reaction. MED1 was also immunoprecipitated by a previous lot of this antibody (A300-793A lot 10) and a second antibody against a different epitope of MED1 (A700-037). For blotting immunoprecipitated MED1, A300-793A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 1 second.



Detection of human MED1 by immunohistochemistry. *Sample:* FFPE section of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti-MED1 antibody (A300-793A lot 11) used at 1:5000 (0.2µg/ml). *Secondary:*HRP-conjugated goat anti-rabbit IgG (A120-501P).