MED12 Antibody

Rabbit Polyclonal

Antigen Affinity Purified		RefSeq ID	NP_005111.2
Catalog No.	A300-774A	Uniprot ID	Q93074
Lot No.	4	GeneID	9968

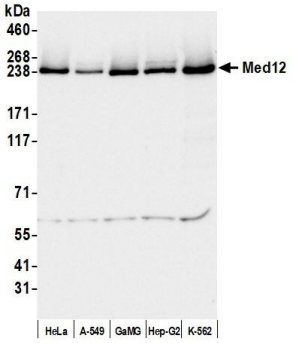
APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Chimpanzee
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 - 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate 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 MED12 immobilized on solid support. The epitope recognized by A300-774A maps to a region between residue 2127 and the C-terminus (residue 2177) of human Mediator of RNA Polymerase II Transcription, subunit 12 using the numbering given in entry NP_005111.2 (GeneID 9968). 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.

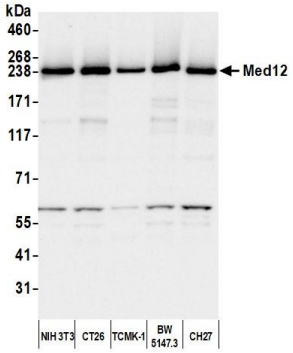
IHC HUMAN CONTROLS	Breast Carcinoma, Ovarian Carcinoma, Prostate Carcinoma
IHC MOUSE CONTROLS	Renal Cell Carcinoma, Teratoma
ADDITIONAL INFO	https://www.fortislife.com/p/A300-774A Use the link above to view SDS, a current list of citations, and other product specific information.

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

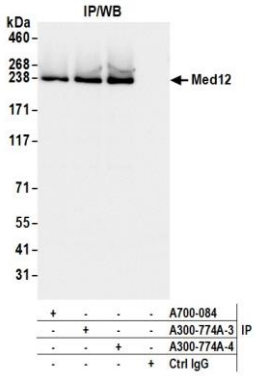
Michael Spencer, PhD — Date: August 31, 2023



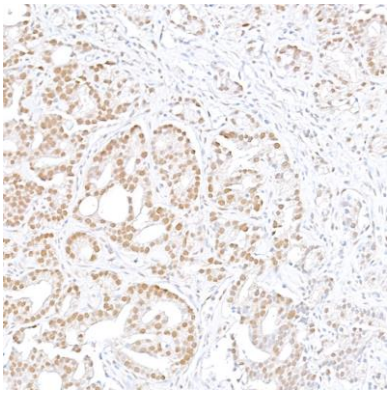
Detection of human Med12 by western blot. *Samples:* Whole cell lysate (10 µg) from HeLa, A-549, GaMG, Hep-G2, and K-562 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-Med12 antibody (A300-774A lot 4) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.



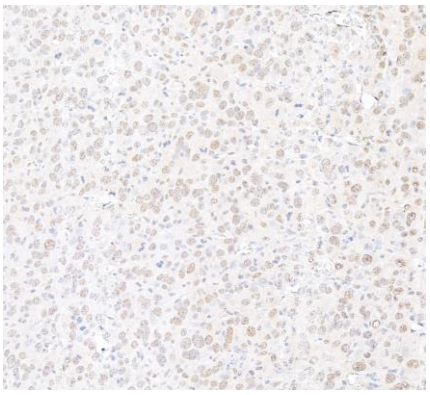
Detection of mouse Med12 by western blot. *Samples:* Whole cell lysate (10 µg) from NIH 3T3, CT26, TCMK-1, BW5147.3, and CH27 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-Med12 antibody (A300-774A lot 4) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.



Detection of human Med12 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg per IP; 10% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-Med12 antibody (A300-774A lot 4) used for IP at 6 µg per reaction. Med12 was also immunoprecipitated by a previous lot of this antibody (A300-774A lot 3) and a second antibody against Med12 (A700-084). For blotting immunoprecipitated Med12, A300-774A was used at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.



Detection of human MED12 by immunohistochemistry. *Sample:* FFPE section of human prostate carcinoma. *Antibody:* Affinity purified rabbit anti-MED12 (A300-774A Lot 4) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB



Detection of mouse MED12 by immunohistochemistry.
Sample: FFPE section of mouse renal cell carcinoma. *Antibody:* Affinity purified rabbit anti-MED12 (A300-774A Lot 4) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB