

TRAP100/MED24 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_055630.2

Catalog No. A301-472A

GeneID 9862

Lot No. A301-472A-2



APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat and Chicken
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 TRAP100/MED24 immobilized on solid support.

The epitope recognized by A301-472A maps to a region between residue 939 and 989 of human thyroid hormone receptor-associated protein complex 100 kDa component (mediator complex subunit 24) using the numbering given in entry NP_055630.2 (GeneID 9862).

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 1:1,000 – 1:5,000

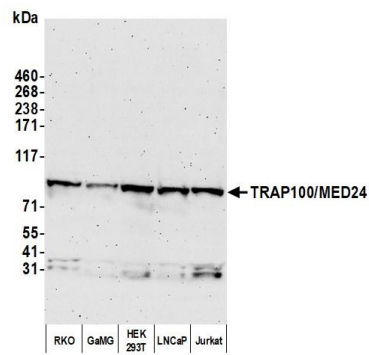
Immunoprecipitation 2 – 10 µg/mg lysate

ADDITIONAL INFO <https://www.bethyl.com/product/A301-472A>

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

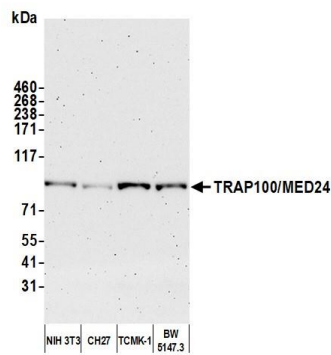
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Brian McWilliams, PhD Date: June 22, 2021



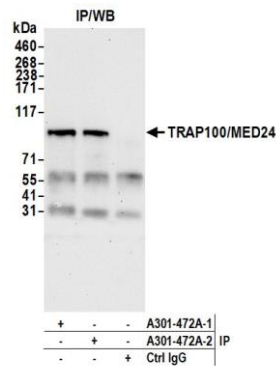
Detection of human TRAP100/MED24 by western blot.

Samples: Whole cell lysate (50 µg) from RKO, GaMG, HEK293T, LNCaP, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-TRAP100/MED24 antibody (A301-472A lot 2) used for WB at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of mouse TRAP100/MED24 by western blot.

Samples: Whole cell lysate (25 µg) from NIH 3T3, CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-TRAP100/MED24 antibody (A301-472A lot 2) used for WB at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human TRAP100/MED24 by western blot of immunoprecipitates.

Samples: Whole cell lysate (1.0 mg per IP reaction; 10% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-TRAP100/MED24 antibody (A301-472A lot 2) used for IP at 6 µg per reaction. TRAP100/MED24 was also immunoprecipitated by a previous lot of this antibody (A301-472A lot 1). For blotting immunoprecipitated TRAP100/MED24, A301-472A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.