NMT1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_066565.1

Catalog No. A304-254A GeneID 4836

Lot No. A304-254A-1

APPLICATIONS WB, IP

SPECIES REACTIVITY Human, Mouse

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Rat, Bovine and

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

Antibody was affinity purified using an epitope specific to NMT1 immobilized on solid support.

PROCEDURES

The epitope recognized by A304–254A maps to a region between residue 68 to 118 of human N–Myristoyltransferase 1 using the numbering given in entry NP_066565.1 (GeneID 4836).

Antibody 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 Iid. 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

APPLICATION NOTES 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).

Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.

ADDITIONAL INFO https://www.bethyl.com/product/A304-254A

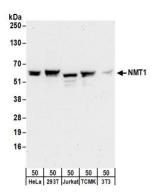
Use the link above to view SDS, a current list of citations, and other product specific information.

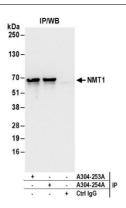
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

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



NMT1 Antibody A304-254A





Detection of human and mouse NMT1 by western blot. Samples: Whole cell lysate (50 μ g) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. Antibodies: Affinity purified rabbit anti-NMT1 antibody A304-254A (lot A304-254A-1) used for WB at 0.1 μ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

Detection of human NMT1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 to 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells. Antibodies: Affinity purified rabbit anti-NMT1 antibody A304-254A (lot A304-254A-1) used for IP at 6 μg per reaction. NMT1 was also immunoprecipitated by rabbit anti-NMT1 antibody A304-253A. For blotting immunoprecipitated NMT1, A304-253A was used at 1 μg/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.