




Product datasheet

Anti-NMT1/NMT antibody ab186131

2 Images

Overview

Product name	Anti-NMT1/NMT antibody
Description	Rabbit polyclonal to NMT1/NMT
Host species	Rabbit
Tested applications	Suitable for: IP, WB
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat, Rabbit, Horse, Chicken, Cow, Dog, Pig, Xenopus laevis, Chimpanzee, Rhesus monkey, Xenopus tropicalis 
Immunogen	Synthetic peptide within Human NMT1/NMT aa 68-118. The exact sequence is proprietary. (NP_066565.1). Sequence: GSETDSAQDQPVKMNSLPAERIQEIQKAIELFSVGQGPAAK TMEEASKRSYQ Database link: P30419  Run BLAST with  Run BLAST with
Positive control	HeLa, 293T, Jurkat, TCMK-1 and NIH 3T3 whole cell lysates.
General notes	This product was previously labelled as NMT1

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7 Preservative: 0.09% Sodium azide Constituent: 99% Tris citrate/phosphate
Purity	pH 7 to 8 Immunogen affinity purified
Purification notes	ab186131 was affinity purified using an epitope specific to NMT1/NMT immobilized on solid support.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab186131** in the following tested applications.

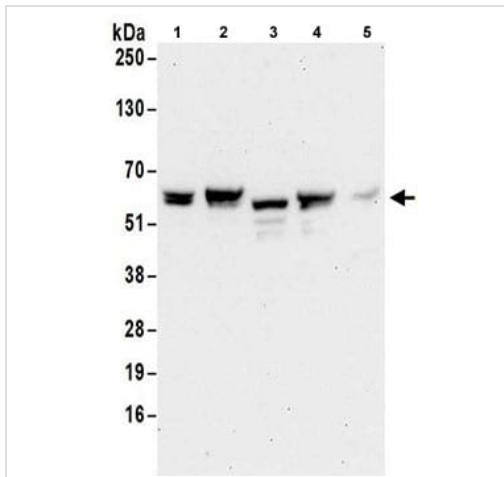
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at 2-10 µg/mg of lysate.
WB		1/2000 - 1/10000. Predicted molecular weight: 57 kDa.

Target

Function	Adds a myristoyl group to the N-terminal glycine residue of certain cellular and viral proteins.
Tissue specificity	Heart, gut, kidney, liver and placenta.
Sequence similarities	Belongs to the NMT family.
Cellular localization	Cytoplasm.

Images



Western blot - Anti-NMT1/NMT antibody (ab186131)

All lanes : Anti-NMT1/NMT antibody (ab186131) at 0.1 µg/ml

Lane 1 : HeLa whole cell lysate

Lane 2 : 293T whole cell lysate

Lane 3 : Jurkat whole cell lysate

Lane 4 : TCMK-1 whole cell lysate

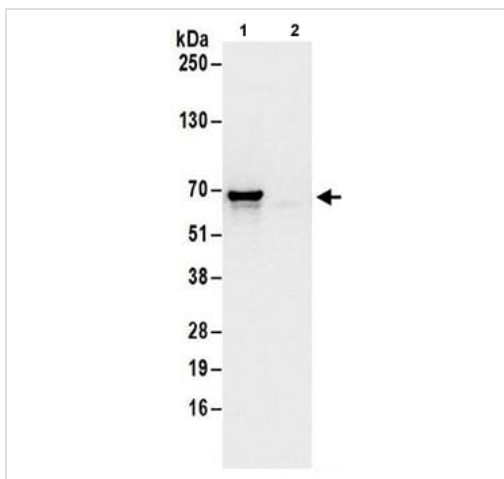
Lane 5 : NIH 3T3 whole cell lysate

Lysates/proteins at 50 µg per lane.

Developed using the ECL technique.

Predicted band size: 57 kDa

Exposure time: 30 seconds



Immunoprecipitation - Anti-NMT1/NMT antibody (ab186131)

Detection of NMT1/NMT in immunoprecipitates of 293T whole cell lysate (1 mg for IP, 20% of IP loaded) using ab186131 at 6 µg per reaction for IP (Lane 1) and at 1 µg/ml for subsequent Western blot detection. Lane 2 represents control IgG IP.

Detection: Chemiluminescence with an exposure time of 3 seconds.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Response to your inquiry within 24 hours
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- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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