

Product Datasheet

NMT1 Antibody - BSA Free

NBP2-32168

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NBP2-32168

NMT1 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

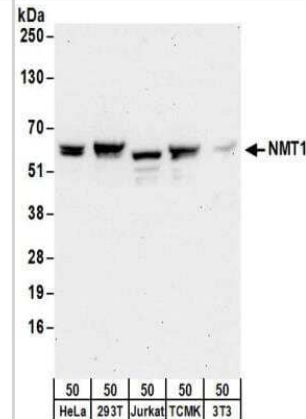
Product Description	
Host	Rabbit
Gene ID	4836
Gene Symbol	NMT1
Species	Human, Mouse
Immunogen	The immunogen this antibody was made to, maps to a region between residue 68 to 118 of human N-Myristoyltransferase 1 using the numbering given in entry NP_066565.1 (GeneID 4836).

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Knockdown Validated
Recommended Dilutions	Western Blot 1:2000 - 1:10000, Immunocytochemistry/ Immunofluorescence Reported in scientific publication (PMID: 32686708), Immunoprecipitation 2 - 10 ug/mg lysate, Knockdown Validated

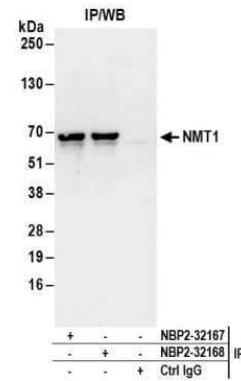


Images

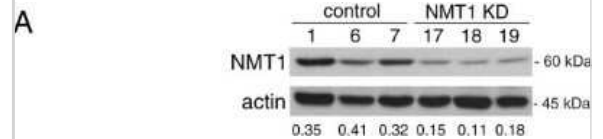
Western Blot: NMT1 Antibody [NBP2-32168] - Samples: Whole cell lysate (50 ug) from HeLa, 293T, Jurkat, mouse TCMK-1, and mouse NIH3T3 cells. Antibodies: Affinity purified rabbit anti-NMT1 antibody NBP2-32168 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Immunoprecipitation: NMT1 Antibody [NBP2-32168] - 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 NBP2-32168 used for IP at 6 ug per reaction. NMT1 was also immunoprecipitated by rabbit anti-NMT1 antibody NBP2-32167. For blotting immunoprecipitated NMT1, NBP2-32168 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



Western Blot: NMT1 Antibody [NBP2-32168] - NMT1 activity is necessary to maintain the autophagic flux in cancer cells. NMT1 expression in control and NMT1 KD H460 clones. Numbers under each lane, densitometry values (arbitrary units) for NMT1 signal normalized to actin in one representative experiment from two independent experiments. Image collected and cropped by CiteAb from the following publication (<https://www.nature.com/articles/s41598-020-68615-w>), licensed under a CC-BY license.



Publications

Chen YC, Navarrete MS, Wang Y et al. N-myristoyltransferase-1 is necessary for lysosomal degradation and mTORC1 activation in cancer cells Sci Rep 2020-07-20 [PMID: 32686708] (ICC/IF, Mouse, Human)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-32168

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-51939-0.1mg	Recombinant Human NMT1 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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