

Rabbit anti-Human, Mouse NMT1 Polyclonal Antibody | anti-NMT1 antibody

Rabbit anti-NMT1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212574	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

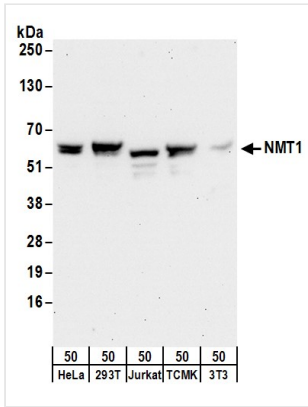
PRODUCT SYNONYMS

NMT1; Polyclonal Antibody; Rabbit anti-NMT1 Antibody; Affinity Purified; NMT; Peptide N-myristoyltransferase 1; type I N-myristoyltransferase; NMT 1; myristoyl-CoA:protein N-myristoyltransferase 1; long form; NMT-L; alternative; short form NMT-S; glycylopeptide N-tetradecanoyltransferase 1; Glycylopeptide N-tetradecanoyltransferase 1; N-myristoyltransferase 1; anti-NMT1 antibody

PRODUCT SPECIFICATIONS

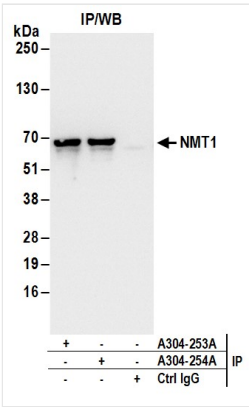
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-NMT1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Bovine, Orangutan
Immunogen	Between 100 and 150
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse NMT1 by western blot. Samples: Whole cell lysate (50 µg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. Antibodies: Affinity purified rabbit anti-NMT1 antibody AAA212574 (lot AAA212574-1) used for WB at 0.1 µg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

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 AAA212574 (lot AAA212574-1) used for IP at 6 µg per reaction. NMT1 was also immunoprecipitated by rabbit anti-NMT1 antibody. For blotting immunoprecipitated NMT1, was used at 1 µg/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-NMT1 antibody	NMT1 adds a myristoyl group to the N-terminal glycine residue of certain cellular and viral proteins [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P30419].
Product Categories/Family for anti-NMT1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835073
NCBI GeneID	4836
NCBI Accession #	NP_066565.1
NCBI GenBank Nucleotide #	NM_021079.4
UniProt Accession #	P30419; Q9UE09; A8K7C1
Molecular Weight	48,141 Da
NCBI Official Full Name	glycylpeptide N-tetradecanoyltransferase 1
NCBI Official Synonym Full Names	N-myristoyltransferase 1
NCBI Official Symbol	NMT1
NCBI Official Synonym Symbols	NMT
NCBI Protein Information	glycylpeptide N-tetradecanoyltransferase 1
UniProt Protein Name	Glycylpeptide N-tetradecanoyltransferase 1
UniProt Gene Name	NMT1
UniProt Synonym Gene Names	NMT; NMT 1; Type I N-myristoyltransferase
UniProt Entry Name	NMT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

