

Rabbit anti-Human NMT2 Polyclonal Antibody | anti-NMT2 antibody

NMT2 Antibody (C-term)

CATALOG # AAA286420	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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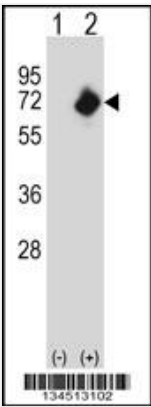
PRODUCT SYNONYMS

NMT2; Polyclonal Antibody; NMT2 Antibody (C-term); Glycylpeptide N-tetradecanoyltransferase 2; Myristoyl-CoA:protein N-myristoyltransferase 2; NMT 2; Peptide N-myristoyltransferase 2; Type II N-myristoyltransferase; anti-NMT2 antibody

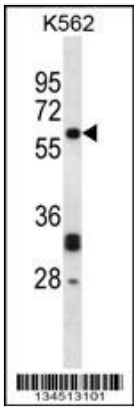
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NMT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 125-153 amino acids from the C-terminal region of human NMT2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	125-153
Sequence Length	498
Applicable Applications for anti-NMT2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of NMT2 (arrow) using rabbit polyclonal NMT2 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the NMT2 gene.



WB (Western Blot)
NMT2 Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the NMT2 antibody detected the NMT2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-NMT2 antibody	N-myristoyltransferase (NMT) catalyzes the reaction of N-terminal myristoylation of many signaling proteins. It transfers myristic acid from myristoyl coenzyme A to the amino group of a protein's N-terminal glycine residue. Biochemical evidence indicates the presence of several distinct NMTs, varying in apparent molecular weight and /or subcellular distribution. The predicted 498-amino acid of human NMT2 protein shares 77% and 96% sequence identity with human NMT1 and mouse Nmt2 comprise two distinct families of N-myristoyltransferases.
Product Categories/Family for anti-NMT2 antibody	Cancer; Metabolism; Signal Transduction
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Seaton, K.E., et al. J. Gen. Virol. 89 (PT 1), 288-296 (2008) : Quintero-Rivera, F., et al. Am. J. Med. Genet. A 143A (15), 1796-1798 (2007) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758816
NCBI GeneID	9397
NCBI Accession #	NP_004799.1
NCBI GenBank Nucleotide #	NM_004808.2
UniProt Accession #	O60551; Q53Y38; Q5VUC8; Q9BRB4; B0YJ49
Molecular Weight	56980
NCBI Official Full Name	glycylpeptide N-tetradecanoyltransferase 2 isoform 1
NCBI Official Synonym Full Names	N-myristoyltransferase 2
NCBI Official Symbol	NMT2
NCBI Protein Information	glycylpeptide N-tetradecanoyltransferase 2
UniProt Protein Name	Glycylpeptide N-tetradecanoyltransferase 2

UniProt Gene Name	NMT2
UniProt Synonym Gene Names	NMT 2
UniProt Entry Name	NMT2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nmt2-antibody-western-blot-elisa/286420>