

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

NMT2 Antibody (N-term)

CATALOG # AAA284450	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

NMT2; Polyclonal Antibody; NMT2 Antibody (N-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 16-46 amino acids from the N-terminal region of human NMT2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	16-46
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 (E31). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the NMT2 gene.



WB (Western Blot)

Western blot analysis of NMT2 (arrow) using rabbit polyclonal NMT2 Antibody (E31). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the NMT2 gene.



WB (Western Blot)

Western blot analysis of anti-NMT2 Pab in HepG2 cell line lysate (35ug/lane). NMT2(arrow) was detected using the purified Pab.

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	Lindwasser, O.W., et al., Proc. Natl. Acad. Sci. U.S.A. 99(20):13037-13042 (2002). Kolluri, S.K., et al., Cancer Res. 61(23):8534-8539 (2001). Shiraishi, T., et al., Biochem. Biophys. Res. Commun. 282(5):1201-1205 (2001). Ono, A., et al., J. Virol. 73(5):4136-4144 (1999). Paillart, J.C., et al., J. Virol. 73(4):2604-2612 (1999).

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.