

NMT2 Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP2520a

Specification

NMT2 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O60551
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	56980
Antigen Region	16-46

NMT2 Antibody (N-term) - Additional Information

Gene ID 9397

Other Names

Glycylpeptide N-tetradecanoyltransferase 2,
Myristoyl-CoA:protein
N-myristoyltransferase 2, NMT 2, Peptide
N-myristoyltransferase 2, Type II
N-myristoyltransferase, NMT2

Target/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.

Dilution

WB~~1:1000

Format

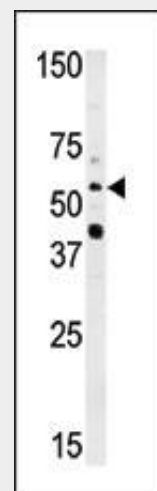
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage

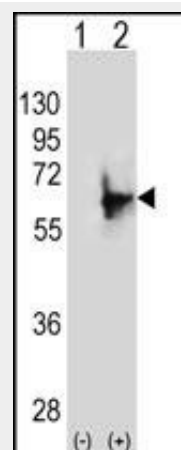
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NMT2 Antibody (N-term) is for research use



Western blot analysis of anti-NMT2 Pab (Cat. #AP2520a) in HepG2 cell line lysate (35ug/lane). NMT2(arrow) was detected using the purified Pab.



Western blot analysis of NMT2 (arrow) using rabbit polyclonal NMT2 Antibody (E31) (Cat. #AP2520a). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the NMT2 gene.

only and not for use in diagnostic or therapeutic procedures.

NMT2 Antibody (N-term) - Protein Information

Name NMT2

Function

Adds a myristoyl group to the N-terminal glycine residue of certain cellular and viral proteins.

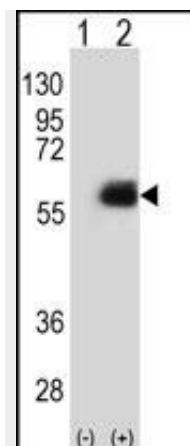
Cellular Location

Cytoplasm. Membrane; Peripheral membrane protein

NMT2 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)



Western blot analysis of NMT2 (arrow) using rabbit polyclonal NMT2 Antibody (E31) (Cat. #AP2520a). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the NMT2 gene.

NMT2 Antibody (N-term) - Background

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.

NMT2 Antibody (N-term) - 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).