

DNAxPAb

Hard-to-Find
Antibody

NMT1 DNAxPAb

Catalog # H00004836-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human NMT1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MADESETAVKPPAPPLPQMMEGNGNGHEHCSDCENEEDNSYNRGGLSPANDTGAKKKKKKQK KKKEKGSETDSAQDQPVKMNSLPAERIQEIQAIELFSVGQGPAKTMEEASKRSYQFWDTPVP KLGEVVNTHGPVEPDKDNIRQEPYTLPGGFTWDALDLGDRGVLKELYTLLENYVEDDDNMFRF DYSPEFLLWALRPPGWLPQWHCGVRVSSRKLVGFIAPANIHYDTEKKMVEINFLCVHKKLRS KRVAPVLIREITRRVHLEGIFQAVYTAGVVLPPKPVGTCTRYWHRSLNPRKLIEVKFSHLNMTMQRT MKLYRLPETPKTAGLRPMETKDIPVVHQLLTRYLKQFHLTPVMSQEEVEHWFYPQENIIDTFVVEN ANGEVTDFLSFYTLPTIMNHPHSLKAAYSFYNVHTQTPLDLMSDALVLAKMKGFDVFNALDL MENKTFLEKLKFGIGDGNLQYYLYNWKCPSMGAEKVGLVLQ
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — NMT1

Entrez GeneID [4836](#)

GeneBank Accession# [NM_021079.3](#)

Protein Accession# [NP_066565.1](#)

Gene Name NMT1

Gene Alias NMT

Gene Description N-myristoyltransferase 1

Omim ID [160993](#)

Gene Ontology [Hyperlink](#)

Gene Summary Myristate, a rare 14-carbon saturated fatty acid, is cotranslationally attached by an amide linkage to the N-terminal glycine residue of cellular and viral proteins with diverse functions. N-myristoyltransferase (NMT; EC 2.3.1.97) catalyzes the transfer of myristate from CoA to proteins. N-myristoylation appears to be irreversible and is required for full expression of the biologic activities of several N-myristoylated proteins, including the alpha subunit of the signal-transducing guanine nucleotide-binding protein (G protein) GO (GNAO1; MIM 139311) (Duronio et al., 1992 [PubMed 1570339]).[supplied by OMIM]

Other Designations alternative, short form NMT-S|long form, NMT-L|myristoyl-CoA:protein N-myristoyltransferase

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)
- [Tobacco Use Disorder](#)