

**NMT1 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58470**

**Specification**

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**NMT1 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">P30419</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56806

**NMT1 Polyclonal Antibody - Additional Information**

Gene ID 4836

**Other Names**

Glycylpeptide N-tetradecanoyltransferase 1, 2.3.1.97, Myristoyl-CoA:protein N-myristoyltransferase 1, NMT 1, Type I N-myristoyltransferase, Peptide N-myristoyltransferase 1, NMT1, NMT

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**NMT1 Polyclonal Antibody - Protein Information**

**Name** NMT1 {ECO:0000303|PubMed:9506952, ECO:0000312|HGNC:HGNC:7857}

**Function**

Adds a myristoyl group to the N-terminal glycine residue of certain cellular and viral proteins (PubMed: [22865860](http://www.uniprot.org/citations/22865860), PubMed: [25255805](http://www.uniprot.org/citations/25255805), PubMed: [32686708](http://www.uniprot.org/citations/32686708), PubMed: [34999170](http://www.uniprot.org/citations/34999170), PubMed: [9353336](http://www.uniprot.org/citations/9353336), PubMed: [9506952](http://www.uniprot.org/citations/9506952)). Also able to mediate N-terminal lysine myristoylation of proteins: catalyzes myristoylation of ARF6 on both 'Gly-2' and 'Lys-3' (PubMed: [32103017](http://www.uniprot.org/citations/32103017), PubMed: [32111831](http://www.uniprot.org/citations/32111831), PubMed: [32111831](http://www.uniprot.org/citations/32111831)). Lysine myristoylation is required to maintain ARF6 on membranes during the GTPase cycle (PubMed: [32103017](http://www.uniprot.org/citations/32103017)).

**Cellular Location**

Cytoplasm. Cytoplasm, cytosol. Membrane; Peripheral membrane protein Note=Copurifies with ribosomes.

**Tissue Location**

Heart, gut, kidney, liver and placenta.

**NMT1 Polyclonal Antibody - 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](#)

**NMT1 Polyclonal Antibody - Images**