

## DATASHEET

# NMT1 Rabbit Polyclonal Antibody

CAT. NO. APA16304

### KEY FEATURES

Target	NMT1	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

### BACKGROUND

Adds a myristoyl group to the N-terminal glycine residue of certain cellular and viral proteins. Also able to mediate N-terminal lysine myristoylation of proteins: catalyzes myristoylation of ARF6 on both 'Gly-2' and 'Lys-3'. Lysine myristoylation is required to maintain ARF6 on membranes during the GTPase cycle.

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

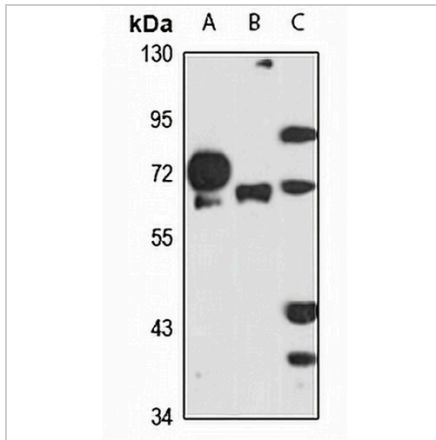
Description	Rabbit polyclonal antibody to NMT1
Specificity	Recognizes endogenous levels of NMT1 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human NMT1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 48; Observed: 57 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	NMT; Glycylpeptide N-tetradecanoyltransferase 1; Myristoyl-CoA:protein N-myristoyltransferase 1; NMT 1; Type I N-myristoyltransferase; Peptide N-myristoyltransferase 1
Gene Symbol	NMT1
Entrez Gene	4836(Human); 18107(Mouse); 259274(Rat)
SwissProt	P30419(Human); O70310(Mouse); Q8K1Q0(Rat)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of NMT1 expression in HepG2 (A), HL60 (B), mouse liver (C) whole cell lysates. (Predicted band size: 48; 56 kD; Observed band size: 57 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.