

## Datasheet for ABIN630887 **anti-NMT1 antibody (N-Term)**



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### 1 Image

#### Overview

Quantity:	100 µL
Target:	NMT1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NMT1 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	NMT1 antibody was raised using the N terminal of NMT1 corresponding to a region with amino acids TMEEASKRSYQFWDTPVPKLGVEVNTGHGPEPKDNIRQEPYTLPPQFT
Specificity:	NMT1 antibody was raised against the N terminal of NMT1
Purification:	Affinity purified

#### Target Details

Target:	NMT1
Alternative Name:	NMT1 ( <a href="#">NMT1 Products</a> )
Background:	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 catalyzes the transfer of myristate from CoA to proteins. N-myristoylation

## Target Details

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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).

Molecular Weight: 57 kDa (MW of target protein)

Pathways: [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

## Application Details

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Application Notes: WB: 1 µg/mL  
Optimal conditions should be determined by the investigator.

Comment: NMT1 Blocking Peptide, catalog no. 33R-9200, is also available for use as a blocking control in assays to test for specificity of this NMT1 antibody

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of NMT1 antibody in PBS

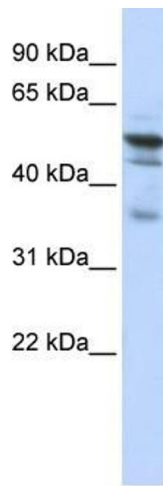
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



### Western Blotting

**Image 1.** NMT1 antibody used at 1 ug/ml to detect target protein.