

Datasheet for ABIN389095  
**anti-NMT2 antibody (N-Term)**

## 3 Images

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## Overview

Quantity:	400 µL
Target:	NMT2
Binding Specificity:	AA 16-46, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NMT2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	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.
Clone:	RB4641-4642
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	NMT2
Alternative Name:	NMT2 ( <a href="#">NMT2 Products</a> )

## Target Details

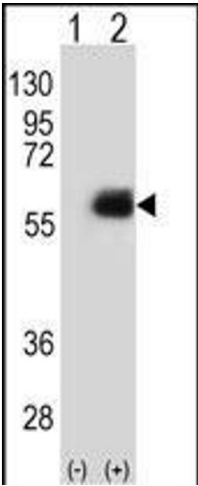
Background:	N-myristoyltransferase (NMT) catalyzes the reaction of N-terminal myristoylation of many signaling proteins. It transfers myristic acid from myristoyl coenzyme A to the amino group of a protein's N-terminal glycine residue. Biochemical evidence indicates the presence of several distinct NMTs, 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.
Molecular Weight:	56980
Gene ID:	9397
NCBI Accession:	<a href="#">NP_004799</a>
UniProt:	<a href="#">O60551</a>
Pathways:	<a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a>

## Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. WB: 1:1000
Restrictions:	For Research Use only

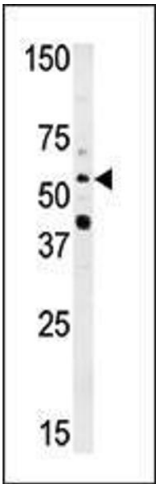
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



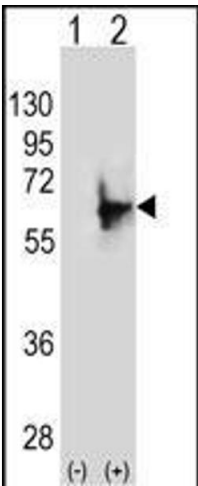
#### Western Blotting

**Image 1.** Western blot analysis of NMT2 (arrow) using rabbit polyclonal NMT2 Antibody (E31) (ABIN389095 and ABIN2839287). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the NMT2 gene.



#### Western Blotting

**Image 2.** Western blot analysis of anti-NMT2 Pab (ABIN389095 and ABIN2839287) in HepG2 cell line lysate (35 µg/lane). NMT2(arrow) was detected using the purified Pab.



#### Western Blotting

**Image 3.** Western blot analysis of NMT2 (arrow) using rabbit polyclonal NMT2 Antibody (E31) (ABIN389095 and ABIN2839287). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the NMT2 gene.