

A16408

Leader in Biomolecular Solutions for Life Science



# NMT1 Rabbit pAb

Catalog No.: A16408

## Basic Information

### Observed MW

### Calculated MW

57kDa

### Category

Polyclonal Antibody

### Applications

IHC-P, ELISA

### Cross-Reactivity

Human, Mouse, Rat

## 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 (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]).

## Recommended Dilutions

IHC-P 1:50 - 1:200

## Immunogen Information

### Gene ID

4836

### Swiss Prot

P30419

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-250 of human NMT1 (NP\_066565.1).

### Synonyms

NMT; HsNMT1; NMT1

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

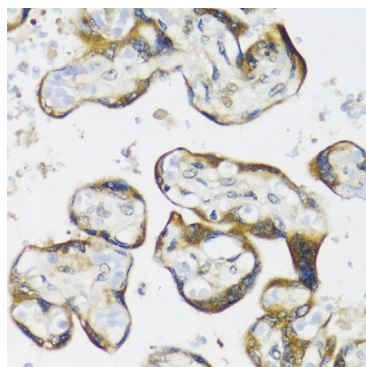
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

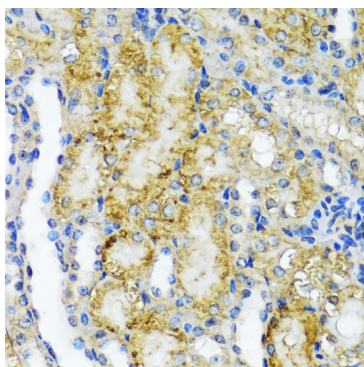
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

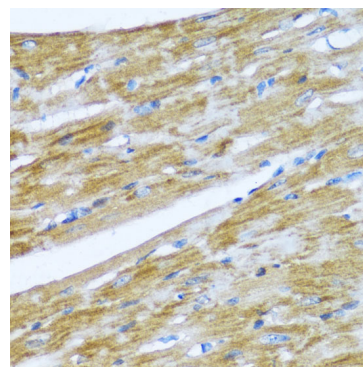
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Immunohistochemistry analysis of paraffin-embedded human placenta using NMT1 Rabbit pAb (A16408) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse kidney using NMT1 Rabbit pAb (A16408) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse heart using NMT1 Rabbit pAb (A16408) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.