

Rabbit anti-Human, Mouse NMT2 Polyclonal Antibody | anti-NMT2 antibody

Anti-NMT2 Antibody, Rabbit Polyclonal

CATALOG # AAA254784	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry
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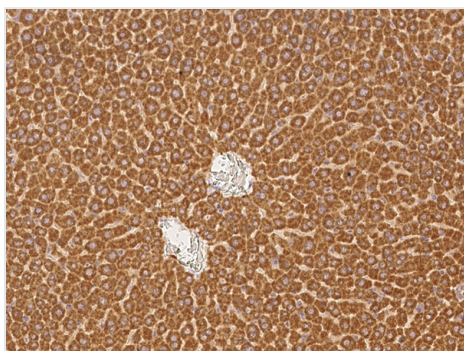
PRODUCT SYNONYMS

NMT2; Polyclonal Antibody; Anti-NMT2 Antibody; Rabbit Polyclonal; NMT2 Antibody; Rabbit PAb; Antigen Affinity Purified; N-myristoyltransferase 2; anti-NMT2 antibody

PRODUCT SPECIFICATIONS

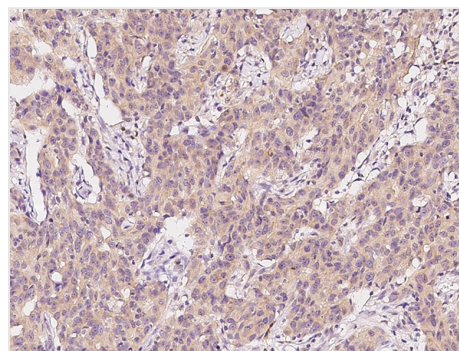
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human NMT2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-NMT2 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the center region of the Human NMT2
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human NMT2, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



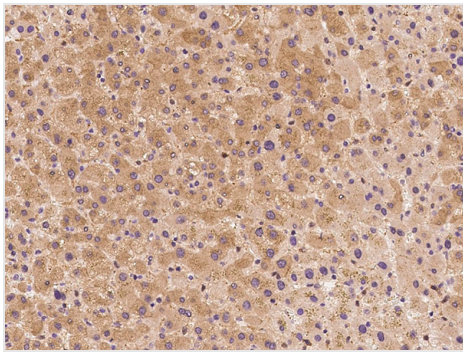
IHC (Immunohistochemistry)

Immunochemical staining NMT2 in mouse liver with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining NMT2 in human breast carcinoma with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)
 Immunochemical staining NMT2 in human liver with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-NMT2 antibody	In higher eukaryotes, two isoforms of NMT have been identified (NMT1 and NMT2) which share about 76% amino acid sequence identity in humans. NMT2 (N-Myristoyltransferase 2) is a Protein Coding gene. The NMT2 gene, located on 10p13, is conserved in chimpanzee, dog, cow, mouse, rat, chicken, zebrafish, C.elegans, S.cerevisiae, K.lactis, E.gossypii, S.pombe, M.oryzae, N.crassa, and frog. This gene encodes one of two N-myristoyltransferase proteins. N-terminal myristoylation is a lipid modification that is involved in regulating the function and localization of signaling proteins. The encoded protein catalyzes the addition of a myristoyl group to the N-terminal glycine residue of many signaling proteins, including the human immunodeficiency virus type 1 (HIV-1) proteins, Gag and Nef. Diseases associated with NMT2 include Human Immunodeficiency Virus Type 1. Among its related pathways are Signaling by GPCR and Metabolism of fat-soluble vitamins.
References	Sharma RK, et al. (2014) Regulation of n-myristoyltransferase by the calpain and caspase systems. Indian J Biochem Biophys 51 (6): 506-511.Selvakumar P, et al. (2009) Biochemical characterization of bovine brain myristoyl-coa:Protein n-myristoyltransferase type 2. J Biomed Biotechnol 2009 907614.Bong JJ, et al. (2009) Comparison of gene expression profiling between bovine subcutaneous and intramuscular adipose tissues by serial analysis of gene expression. Cell Biol Int 34 (1): 125-133.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758816
NCBI GeneID	9397
NCBI Accession #	NP_004799.1
NCBI GenBank Nucleotide #	NM_004808.2
UniProt Accession #	O60551; Q53Y38; Q5VUC8; Q9BRB4; B0YJ49
Molecular Weight	56,980 Da
NCBI Official Full Name	glycylpeptide N-tetradecanoyltransferase 2
NCBI Official Synonym Full Names	N-myristoyltransferase 2
NCBI Official Symbol	NMT2
NCBI Protein Information	glycylpeptide N-tetradecanoyltransferase 2; NMT 2; glycylpeptide N-tetradecanoyltransferase 2 variant 3; myristoyl-CoA:protein N-myristoyltransferase 2; peptide N-myristoyltransferase 2; type II N-myristoyltransferase
UniProt Protein Name	Glycylpeptide N-tetradecanoyltransferase 2
UniProt Gene Name	NMT2
UniProt Synonym Gene Names	NMT 2
UniProt Entry Name	NMT2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/nmt2-antibody-immunohistochemistry-elisa/254784>