

Mouse NMT2 Monoclonal Antibody | anti-NMT2 antibody

NMT2 antibody

CATALOG # AAA107521	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

NMT2; Monoclonal Antibody; NMT2 antibody; Monoclonal NMT2; Anti-NMT2; NMT; NMT 2; NMT-2; anti-NMT2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2A5
Purity/Purification	NMT2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.5-1 mg/ml (varies by lot)
Sequence Length	63
Applicable Applications for anti-NMT2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	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.
Cross-Reactivity	Human, Rat, Mouse
Immunogen	NMT2 antibody was raised in Mouse using full length human recombinant protein of human NMT2 produced in HEK293T cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant NMT2 protein (Right) or empty vector (Left) detected with NMT2 antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of NMT2 protein in paraffin embedded Human tonsil tissue using NMT2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-NMT2 antibody	Mouse monoclonal NMT2 antibody
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Product Categories/Family for anti-NMT2 antibody

Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	13528864
NCBI GeneID	9397
UniProt Accession #	O60551; Q53Y38; Q5VUC8; Q9BRB4; B0YJ49
Molecular Weight	56,980 Da
NCBI Official Full Name	NMT2 protein, partial
NCBI Official Synonym Full Names	N-myristoyltransferase 2
NCBI Official Symbol	NMT2
NCBI Protein Information	glycylpeptide N-tetradecanoyltransferase 2
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nmt2-antibody-clone-2a5-western-blot-immunohistochemistry-elisa/107521>