

Mouse anti-Human NNMT Monoclonal Antibody | anti-NNMT antibody

NNMT antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48205	Mouse	Human	Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay, Western Blot, ELISA

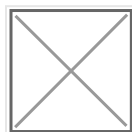
PRODUCT SYNONYMS

NNMT; Monoclonal Antibody; NNMT antibody; Nicotinamide N-methyltransferase; Nicotinamide N-methyltransferase EC 2.1.1.1 Nicotinamide N methyltransferase.; anti-NNMT antibody

PRODUCT SPECIFICATIONS

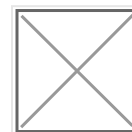
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a, k
Clone Number	AT11G11
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	264
Applicable Applications for anti-NNMT antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human NNMT (1-264aa) purified from E. coli
Clone Note	Anti-human NNMT mAb, clone AT11G11, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human NNMT protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

ICC/IF analysis of NNMT in HeLa cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human NNMT antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)

The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human NNMT antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: HeLa cell lysate Lane 2.: A549 cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-NNMT antibody	N-methylation is one method by which drug and other xenobiotic compounds are metabolized by the liver. This gene encodes the protein responsible for this enzymatic activity which uses S-adenosyl methionine as the methyl donor.
Product Categories/Family for anti-NNMT antibody	Signal Transduction ; Metabolism
References	Aksoy S., et al. (1995) Genomics. 29 (3): 555-61.; Gerhard DS., et al. (2004) Genome Res. 14 (10B): 2121-7.; Riederer M., et al. (2009) Atherosclerosis. 204 (2): 412-7.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453790
NCBI GeneID	4837
NCBI Accession #	NP_006160
NCBI GenBank Nucleotide #	NM_006169.2
UniProt Accession #	P40261
Molecular Weight	29,574 Da
NCBI Official Full Name	nicotinamide N-methyltransferase
NCBI Official Synonym Full Names	nicotinamide N-methyltransferase
NCBI Official Symbol	NNMT
NCBI Protein Information	nicotinamide N-methyltransferase
UniProt Protein Name	Nicotinamide N-methyltransferase
UniProt Gene Name	NNMT

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/nnmt-antibody-clone-at11g11-immunofluorescence-immunocytochemistry-flow-cytometry-western-blot-elisa/48205>