# Mouse NNMT Monoclonal Antibody | anti-NNMT antibody

NNMT antibody

| CATALOG # | HOST | APPLICATIONS |
|---|---|---|
| **AAA107194** | **Mouse** | **Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay** |

## PRODUCT SYNONYMS

NNMT; Monoclonal Antibody; NNMT antibody; Monoclonal NNMT; Anti-NNMT; Nicotinamide N-Methyltransferase; anti-NNMT antibody

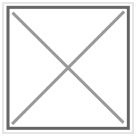
## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype** | IgG1 |
| **Clone Number** | 1A1 |
| **Purity/Purification** | NNMT 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** | 500 ug-1 mg/ml (varies by lot) |
| **Sequence Length** | 264 |
| **Applicable Applications for anti-NNMT antibody** | WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry) |
| **Biological Significance** | N-methylation is one method by which drug and other xenobiotic compounds are metabolized by the liver. NNMT responsible for this enzymatic activity which uses S-adenosyl methionine as the methyl donor. N-methylation is one method by which drug and other xenobiotic compounds are metabolized by the liver. |
| **Cross-Reactivity** | Human, Dog |
| **Immunogen** | NNMT antibody was raised in mouse using a full length recombinant protein of human NNMT (NP_006160) produced in HEK293T cells, 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

**IF (Immunofluorescence)**
Immunofluorescent staining of COS7 cells transiently transfected with recombinant NNMT protein using NNMT antibody

**IHC (Immunohiostchemistry)**
Immunohistochemical analysis of NNMT protein in paraffin embedded Human prostate tissue using NNMT antibody



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

## ADDITIONAL INFORMATION

| | |
|---|---|
| **Related Product Information for anti-NNMT antibody** | Mouse monoclonal NNMT antibody |
| **Product Categories/Family for anti-NNMT antibody** | DNA & RNA |

## 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** |
| **UniProt Entry Name** | NNMT_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/nnmt-antibody-clone-1a1-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/107194