

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

NNMT Rabbit PolymAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283066	Rabbit	Human	ELISA, Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

NNMT; Monoclonal Antibody; NNMT Rabbit PolymAb; Nicotinamide N-methyltransferase; anti-NNMT antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MESGFTSKDT YLSHFNPRDY LEKYYKFGSR HSAESQILKH LLKNLFKIFC LDGVKGDLLI DIGSGPTIYQ LLSACESFKE IVVTDYSDQN LQELEKWLLK EPEAFDWSPV VTYVCDLEGN RVKGPEKEEK LRQAVKQVLK CDVTQSQPLG AVPLPPADCV LSTLCLDAAC PDLPTYCRAL RNLGSLLKPG GFLVIMDALK SSYYMIGEQQ FSSLPLGREA VEAHVKEAGY TIEWFEVISQ SYSSTMANNE GLFSLVARKL SRPL
Applicable Applications for anti-NNMT antibody	ELISA, IP (Immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-264 of human NNMT (NP_006160.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation of NNMT from 300 ug extracts of HeLa cells was performed using 0.5 ug of NNMT Rabbit PolymAb® (AAA283066). Rabbit IgG isotype control (AC042) was used to precipitate the Control IgG sample. IP samples were eluted with 1X Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using NNMT Rabbit PolymAb® (AAA283066) at a dilution of 1:2000.



ICC (Immunocytochemistry)

Confocal imaging of HeLa cells using NNMT Rabbit PolymAb® (AAA283066, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.



WB (Western Blot)

Western blot analysis of various lysates using NNMT Rabbit PolymAb® (AAA283066) at 1:1900 dilution incubated overnight at 4°. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Negative control (NC): HAP1. Exposure time: 1s.

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	Cancer; Signal Transduction; Endocrine Metabolism; Drug metabolism; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453790
NCBI GeneID	4837
NCBI Accession #	NP_006160.1
NCBI GenBank Nucleotide #	NM_006169.2
UniProt Accession #	P40261
Molecular Weight	Calculated MW: 30kDa Observed MW: 28kDa
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.

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

Online datasheet: <https://stage.aaabiotech.com/monoclonal/nnmt-antibody-immunoprecipitation-immunocytochemistry-immunofluorescence-western-blot-elisa/283066>