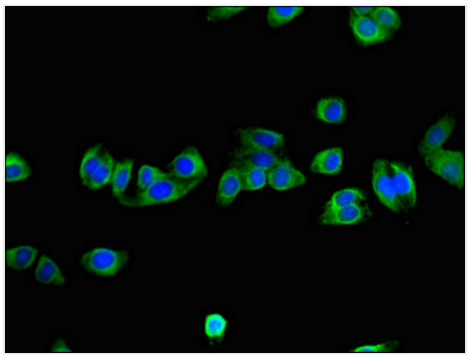
NNMT Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NNMT, Polyclonal Antibody
Full Product Name	NNMT Antibody
Product Gene Name	anti-NNMT antibody
Product Synonym Names	Nicotinamide N-methyltransferase; NNMT
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: NNMT (MBS7048766) HRP Conjugated Antibody: NNMT (MBS7048767)
Matching Pairs	Unconjugated Antibody: NNMT (MBS7048766) FITC Conjugated Antibody: NNMT (MBS7048768)
Matching Pairs	Unconjugated Antibody: NNMT (MBS7048766) Biotin Conjugated Antibody: NNMT (MBS7048769)
Molecular Weight	29,574 Da
OMIM	U08021 mRNA
3D Structure	ModBase 3D Structure for P40261
Immunogen	Recombinant Human Nicotinamide N-methyltransferase protein (1-264AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-130829 / sc-133833 / sc-48613 / sc-48614
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-NNMT antibody	ELISA (EIA), Immunofluorescence (IF)
Application Notes for anti-NNMT antibody	IF: 1: 50-1: 200
Related Product Information for anti-NNMT antibody	Catalyzes the N-methylation of nicotinamide and other pyridines to form pyridinium ions. This activity is important for biotransformation of many drugs and xenobiotic compounds.
Other Notes	Small volumes of anti-NNMT antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for NNMT purchase	MBS7048766 is an antibody targeting NNMT. Also known as NNMT Antibody. Reactive in Human. Host: Rabbit.



Immunofluorescence (IF) of anti-NNMT antibody
Immunofluorescent analysis of HepG2 cells using MBS7048766 at a dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NNMT. It may not necessarily be applicable to this product.

NCBI GI #	5453790
NCBI GeneID	4837
NCBI Accession #	NP_006160.1
UniProt Primary Accession #	P40261
UniProt Related Accession #	P40261
GenBank Nucleotide #	NM_006169.2
NCBI Official Full Name	nicotinamide N-methyltransferase
NCBI Official Synonym Full Names	nicotinamide N-methyltransferase
NCBI Official Symbol	NNMT
UniProt Protein Name	Nicotinamide N-methyltransferase
UniProt Gene Name	NNMT
UniProt Entry Name	NNMT_HUMAN
NCBI Protein Information	nicotinamide N-methyltransferase
NCBI Summary for NNMT	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. [provided by RefSeq, Jul 2008]
UniProt Comments for NNMT	NNMT: Catalyzes the N-methylation of nicotinamide and other pyridines to form pyridinium ions. This activity is important for biotransformation of many drugs and xenobiotic compounds. Belongs to the NNMT/PNMT/TEMT family. Protein type: Cofactor and Vitamin Metabolism - nicotinate and nicotinamide; EC 2.1.1.1; Methyltransferase Chromosomal Location of Human Ortholog: 11q23.1 Cellular Component: cytosol Molecular Function: pyridine N-methyltransferase activity Biological Process: methylation
Research Articles on NNMT	**1.** NNMT gene rs694539 variant is a genetic risk factor for migraine in women.

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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