

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

NNMT Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283789	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

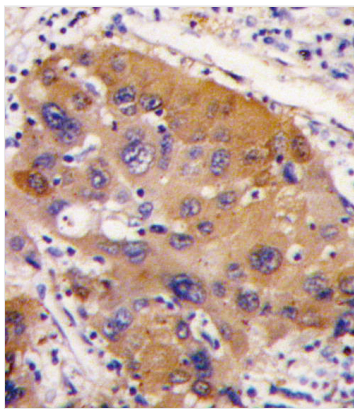
PRODUCT SYNONYMS

NNMT; Polyclonal Antibody; NNMT Antibody (Center); Nicotinamide N-methyltransferase; anti-NNMT antibody

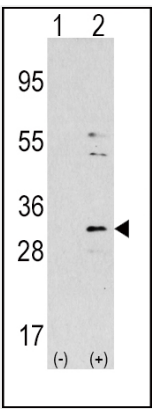
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NNMT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 77-106 amino acids from the Central region of human NNMT.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 1.2 (varies by lot)
Sequence Positions	77-106
Sequence Length	264
Applicable Applications for anti-NNMT antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with NNMT antibody (Center) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of NNMT (arrow) using rabbit polyclonal NNMT Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the NNMT gene (Lane 2) (Origene Technologies).

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. NNMT is the protein responsible for this enzymatic activity, which uses S-adenosyl methionine as the methyl donor.
Product Categories/Family for anti-NNMT antibody	Metabolism; Signal Transduction
References	Xu,J., Thyroid 16 (2), 151-160 (2006) Roessler,M., Clin. Cancer Res. 11 (18), 6550-6557 (2005) Souto,J.C., Am. J. Hum. Genet. 76 (6), 925-933 (2005)

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	29574
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.

