

NNMT Antibody

CATALOG NO: 6673-30T 30 µg (Trial size)
6673-100 100 µg

ALTERNATE NAMES: Nicotinamide N-methyltransferase

CONCENTRATION: 0.5 mg/ml

HOST: Rabbit

IMMUNOGEN: Recombinant protein of human Nicotinamide N-Methyltransferase

INTERNAL ID: BV-N33-34

PURIFICATION: Affinity purified rabbit IgG

FORM: Liquid

FORMULATION: 0.5 mg/ml of antibody in PBS pH 7.2, 0.01 % BSA, 0.01 % thimerosal, and 50 % glycerol

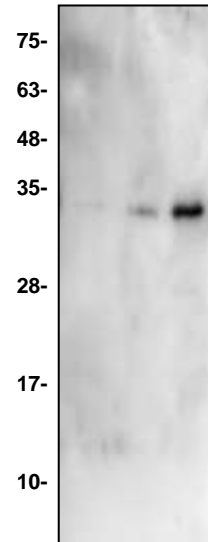
SPECIES REACTIVITY: Human

STORAGE CONDITIONS: Store at -20°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION: N-methylation is one method by which drug and other xenobiotic compounds are metabolized by the liver. NNMT is an important cytosolic methyltransferase catalyzing the N-methylation of nicotinamide, pyridines and structural analogs, playing a crucial role in the biotransformation and detoxification of many xenobiotic compounds. In the N-methylation process, NNMT uses S-adenosyl methionine as the methyl donor and nicotinamide as methyl acceptor. NNMT is mostly expressed in the liver, and a lower expression is seen in the kidney, lung, skeletal muscle, placenta and heart. It may also play an important role in regulating biological processes related to N-methyl nicotinamide such as anti-inflammatory, anti-thrombotic, vasoprotective, and gastroprotective properties. Increased NNMT activity was reported in many kinds of tumors. NNMT is a potential biomarker and therapeutic target in cancer diagnosis and treatment. NNMT serum levels have significance in the premature detection and in the management of patients with colorectal cancer.

APPLICATION: Western blot: 1-4 µg

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot of NNMT antibody:
Lane 1: Recombinant rh-NNMT 2 ng.
Lane 2: Recombinant rh-NNMT 10 ng
Lane 3: Recombinant rh-NNMT 50 ng

RELATED PRODUCTS:

- Human Recombinant (hNNMT) (Cat. No. 7261-20, 100, -1000)
- PRMT1, human recombinant (Cat. No. 4865-10, 50, -1000)
- PRMT1, mouse recombinant (Cat. No. 4868-10, 50, -1000)
- PRMT-5 Antibody (Cat. No. 3935-100)
- PRMT1 Antibody (Cat. No. 3792-100)
- PRMT6 Antibody (Cat. No. 3086-100)
- PRMT7 Antibody (Cat. No. 3059-100)
- WDR18 Antibody (CT) (Cat. No. 5402-100)
- WDR35 Antibody (NT) (Cat. No. 5403-100)
- WDR5 Antibody (NT) (Cat. No. 5404-100)
- I-BET151 (Cat. No. 2220-1, -5)

FOR RESEARCH USE ONLY! Not to be used on humans.