



Rabbit Anti-NNMT antibody

SL19300R

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| Product Name: | NNMT |
| Chinese Name: | 烟酰胺N-甲基转移酶抗体 |
| Alias: | EC 2.1.1.1; Nicotinamide N methyltransferase; Nicotinamide N-methyltransferase; NNMT; NNMT_HUMAN. |
| Organism Species: | Rabbit |
| Clonality: | Polyclonal |
| React Species: | Human,Mouse,Rat, |
| Applications: | ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight: | 29kDa |
| Cellular localization: | cytoplasmic |
| Form: | Lyophilized or Liquid |
| Concentration: | 1mg/ml |
| immunogen: | KLH conjugated synthetic peptide derived from human NNMT:151-250/264 |
| Lsotype: | IgG |
| Purification: | affinity purified by Protein A |
| Storage Buffer: | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage: | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| PubMed: | PubMed |
| Product Detail: | 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] Function: |

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.

Subunit:

Monomer.

Subcellular Location:

Cytoplasm.

Tissue Specificity:

Predominantly expressed in the liver. A lower expression is seen in the kidney, lung, skeletal muscle, placenta and heart. Not detected in the brain or pancreas.

Similarity:

Belongs to the NNMT/PNMT/TEMT family.

SWISS:

P40261

Gene ID:

4837

Database links:

[Entrez Gene: 4837](#) Human

[Entrez Gene: 18113](#) Mouse

[Entrez Gene: 100144485](#) Pig

[Entrez Gene: 300691](#) Rat

[Omim: 600008](#) Human

[SwissProt: P40261](#) Human

[SwissProt: O55239](#) Mouse

[SwissProt: Q06AV1](#) Pig

[Unigene: 503911](#) Human

[Unigene: 623245](#) Human

[Unigene: 458542](#) Mouse

[Unigene: 8362](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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