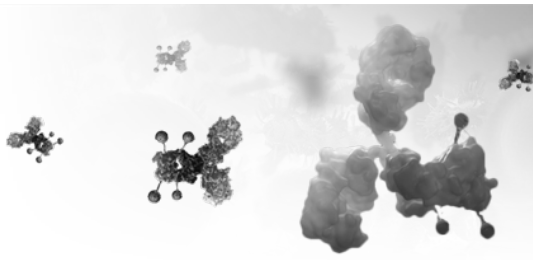

Rabbit Anti-Human NNMT Polyclonal Antibody (CABT-L2230)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Nicotinamide-N-Methyltransferase (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against NNMT. It has been selected for its ability to recognize NNMT in immunohistochemical staining and western blotting.
Target	NNMT
Immunogen	Recombinant fragment corresponding to human NNMT (Met1~Arg258)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

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Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	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]
Keywords	NNMT

GENE INFORMATION

Gene Name	NNMT nicotinamide N-methyltransferase [Homo sapiens (human)]
Official Symbol	NNMT
Synonyms	NNMT; nicotinamide N-methyltransferase;
Entrez Gene ID	4837
Protein Refseq	NP_006160
UniProt ID	P40261
Chromosome Location	11q23.1
Pathway	Biological oxidations; Defective AHCY causes Hypermethioninemia with S-adenosylhomocysteine hydrolase deficiency (HMAHCHD); Defective GCLC causes Hemolytic anemia due to gamma-glutamylcysteine synthetase deficiency (HAGGSD); Defective GGT1 causes Glutathionuria (GLUTH); Defective GSS causes Glutathione synthetase deficiency (GSS deficiency); Defective MAT1A causes Methionine adenosyltransferase deficiency (MATD); Defective OPLAH causes 5-oxoprolinase deficiency (OPLAHD); Defective SLC35D1 causes
Function	nicotinamide N-methyltransferase activity;

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