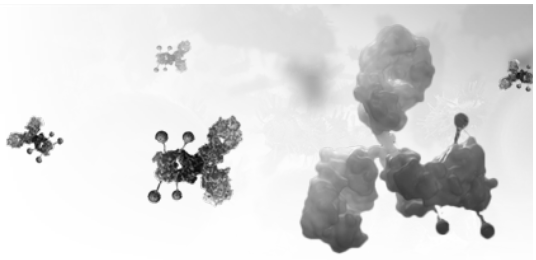

Anti-NMNAT2 (aa 208-307) polyclonal antibody (DPAB-DC1037)

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

PRODUCT INFORMATION

Antigen Description	This gene product belongs to the nicotinamide mononucleotide adenylyltransferase (NMNAT) enzyme family, members of which catalyze an essential step in NAD (NADP) biosynthetic pathway. Unlike the other human family member, which is localized to the nucleus, and is ubiquitously expressed; this enzyme is cytoplasmic, and is predominantly expressed in the brain. Two transcript variants encoding different isoforms have been found for this gene.
Immunogen	NMNAT2 (NP_055854, 208 a.a. ~ 307 a.a) partial recombinant protein with GST tag. The sequence is CIPGLWNEADMEVIVGDFGIVVVPRDAADTDRIMNHSSILRKYKNNIMVVKDDINHPMSV VSSTKSRLALQHGDGHVVDYLSQPVIDYILKSQLYINASG
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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Gene Name	NMNAT2 nicotinamide nucleotide adenylyltransferase 2 [Homo sapiens (human)]
Official Symbol	NMNAT2
Synonyms	NMNAT2; nicotinamide nucleotide adenylyltransferase 2; PNAT2; C1orf15; nicotinamide mononucleotide adenylyltransferase 2; NMN adenylyltransferase 2; NaMN adenylyltransferase 2; pyridine nucleotide adenylyltransferase 2; nicotinate-nucleotide adenylyltransferase 2;
Entrez Gene ID	23057
Protein Refseq	NP_055854
UniProt ID	Q9BZQ4
Chromosome Location	1q25
Pathway	Defective AMN causes hereditary megaloblastic anemia 1; Defective CD32 causes methylmalonic aciduria; Defective GIF causes intrinsic factor deficiency; Defective LMBRD1 causes methylmalonic aciduria and homocystinuria type cblF.
Function	ATP binding; nicotinamide-nucleotide adenylyltransferase activity; nicotinate-nucleotide adenylyltransferase activity;

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