DNMT3L Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DNMT3L, Polyclonal Antibody
Full Product Name	DNMT3L (DNA (cytosine-5)-methyltransferase 3-like, MGC1090) (MaxLight 650)
Product Gene Name	anti-DNMT3L antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human DNMT3L. Species Crossreactivity: mouse.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Immunogen	Full length human DNMT3L, aa1-386 (AAH02560.1).
Immunogen Sequence	MAAIPALDPEAEPSMDVILVGSSELSSSVSPGTGRDLIAYEVKANQRNIEDICICCGSLQVHTQHPLFEGGICAPCKDKFLDALFLYDDDGYQSYCSICCSG
Conjugate	MaxLight650
Note	Preservative Free
Product Categories/Family for anti-DNMT3L antibody	Antibodies; Enzymes; Methyltransferase
Applications Tested/Suitable for anti-DNMT3L antibody	Western Blot (WB)
Application Notes for anti-DNMT3L antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-DNMT3L antibody	CpG methylation is an epigenetic modification that is important for embryonic development, imprinting, and X-chromosome inactivation. Studies in mice thought to be required for the establishment of maternal genomic imprints. This protein also mediates transcriptional repression through interaction with
Other Notes	Small volumes of anti-DNMT3L antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nece

Searchable Terms for DNMT3L purchase	MBS6376510 is an antibody targeting DNMT3L. Also known as DNMT3L (DNA (cytosine-5)-methyltransferase 3-like, MGC1090) (MaxLight 650). Reac

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DNMT3L. It may not necessarily be applicable to this product.

NCBI GI #	33876867
NCBI GeneID	29947
NCBI Accession #	BC002560.2
NCBI Related Accession #	AAH02560.1
UniProt Related Accession #	Q9UJW3
NCBI Official Full Name	Homo sapiens DNA (cytosine-5-)-methyltransferase 3-like, mRNA
NCBI Official Synonym Full Names	DNA methyltransferase 3 like
NCBI Official Symbol	DNMT3L
Protein Family	DNA (cytosine-5)-methyltransferase
NCBI Protein Information	DNA (cytosine-5)-methyltransferase 3-like
NCBI Summary for DNMT3L	CpG methylation is an epigenetic modification that is important for embryonic development, imprinting, and X-chromosome inactivation. Studies in mice have demonstrated that DNA methylation is required for mammalian development. This gene encodes a nuclear protein with similarity to DNA methyltransferases, but is not thought to function as a DNA methyltransferase as it does not contain the amino acid residues necessary for methyltransferase activity. However, it does stimulate de novo methylation by DNA cytosine methyltransferase 3 alpha and is thought to be required for the establishment of maternal genomic imprints. This protein also mediates transcriptional repression through interaction with histone deacetylase 1. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2012]
Research Articles on DNMT3L	**1.** Nutrition and its DNA methylation influence cognitive decline.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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