DNMT3A Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DNMT3A, Polyclonal Antibody
Full Product Name	DNMT3A (DNA (cytosine-5)-methyltransferase 3A, Dnmt3a, DNA Methyltransferase HsaIIIA, DNA MTase HsaIIIA, M.HsaIIIA) (MaxLight 490)
Product Gene Name	anti-DNMT3A antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human DNMT3A.
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
Molecular Weight	102kDa
Chromosome Location	Chromosome: 2; NC_000002.11 (25451421..25565459, complement). Location: 2p23
OMIM	602769
3D Structure	ModBase 3D Structure for Q9Y6K1
Immunogen	Full length human DNMT3A, aa1-912 (NP_072046.2).
Immunogen Sequence	MPAMPSSGPGDTSSSAAEREEDRKDGEEQEEPRGKEERQEPSTTARKVGRPGRKRKHPPVESGDTPKDPAVISKSPSMAQDSGASELLPNGDLEKRS
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-DNMT3A antibody	Antibodies; Enzymes; Methyltransferase
Applications Tested/Suitable for anti-DNMT3A antibody	Western Blot (WB)
Application Notes for anti-DNMT3A antibody	Applications are based on unconjugated antibody.

Related Product Information for anti-DNMT3A antibody	Required for genome-wide de novo methylation and is essential for the establishment of DNA methylation patterns during development. DNA methylati
Other Notes	Small volumes of anti-DNMT3A antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nece
Searchable Terms for DNMT3A purchase	MBS6376497 is an antibody targeting DNMT3A. Also known as DNMT3A (DNA (cytosine-5)-methyltransferase 3A, Dnmt3a, DNA Methyltransferase Hs

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DNMT3A. It may not necessarily be applicable to this product.

NCBI GI #	12751473
NCBI GeneID	1788
NCBI Accession #	NP_072046.2
UniProt Primary Accession #	Q9Y6K1
UniProt Secondary Accession #	Q86TE8; Q86XF5; Q8IZV0; Q8WXU9; E9PEB8
UniProt Related Accession #	Q9Y6K1
GenBank Nucleotide #	NM_022552.3
NCBI Official Full Name	DNA (cytosine-5)-methyltransferase 3A isoform a
NCBI Official Synonym Full Names	DNA (cytosine-5-)-methyltransferase 3 alpha
NCBI Official Symbol	DNMT3A
NCBI Official Synonym Symbols	DNMT3A2; M.HsaIIIA
UniProt Protein Name	DNA (cytosine-5)-methyltransferase 3A
UniProt Synonym Protein Names	DNA methyltransferase HsaIIIA
Protein Family	DNA
UniProt Gene Name	DNMT3A
UniProt Synonym Gene Names	Dnmt3a; DNA MTase HsaIIIA; M.HsaIIIA
UniProt Entry Name	DNM3A_HUMAN
NCBI Protein Information	DNA (cytosine-5)-methyltransferase 3A; DNA (cytosine-5)-methyltransferase 3A; DNA MTase HsaIIIA; DNA cytosine methyltransferase 3A2
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