

Product Datasheet

DNMT3A Antibody (PCRP-DNMT3A-1E2) [Biotin] NBP3-08483B

Unit Size: 100 ul

Store at 4C in the dark.

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NBP3-08483B

DNMT3A Antibody (PCRP-DNMT3A-1E2) [Biotin]

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	PCRP-DNMT3A-1E2
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Biotin
Purity	Protein A or G purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	1788
Gene Symbol	DNMT3A
Species	Human
Specificity/Sensitivity	The specificity of this monoclonal antibody to its intended target was validated by HuProt™ Array, containing more than 19,000, full-length human proteins. DNMT3A is required for genome-wide de novo methylation and is essential for the establishment of DNA methylation patterns during development. DNA methylation is coordinated with methylation of histones. It modifies DNA in a non-processive manner and also methylates non-CpG sites. May preferentially methylate DNA linker between 2 nucleosomal cores and is inhibited by histone H1. Plays a role in paternal and maternal imprinting. Required for methylation of most imprinted loci in germ cells. Acts as a transcriptional corepressor for ZBTB18. Recruited to trimethylated 'Lys-36' of histone H3 (H3K36me3) sites. Can actively repress transcription through the recruitment of HDAC activity. Sadenosyl-L-methionin
Immunogen	Recombinant human full-length DNMT3A protein (Uniprot: Q16655)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Western Blot, Immunohistochemistry-Paraffin, Protein Array
Application Notes	Optimal dilution of this antibody should be experimentally determined.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-08483B

IC002B	Mouse IgG1 Isotype Control (11711) [Biotin]
H00001788-Q01-10ug	Recombinant Human DNMT3A GST (N-Term) Protein
H00001788-P01-2ug	Recombinant Human DNMT3A GST (N-Term) Protein
NB100-56519	DNMT1 Antibody (60B1220.1) - BSA Free

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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