

Product Datasheet

DNMT1 Antibody - BSA Free

NB100-392

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB100-392

DNMT1 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

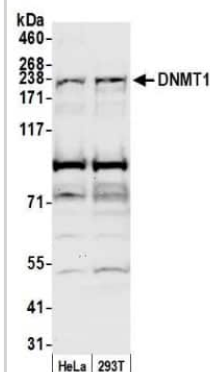
Product Description	
Host	Rabbit
Gene ID	1786
Gene Symbol	DNMT1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported from a verified customer review.
Immunogen	The immunogen recognized by this antibody maps to a region between residue 700 and 750 of human DNA-Methyltransferase 1 using the numbering given in entry NP_001370.1 (GeneID 1786).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000 - 1:10000, Immunoprecipitation 2 - 4 ug/mg lysate
Application Notes	DNMT1 antibody validated for WB from a verified customer review.

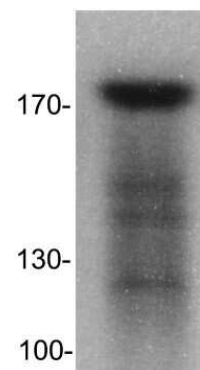


Images

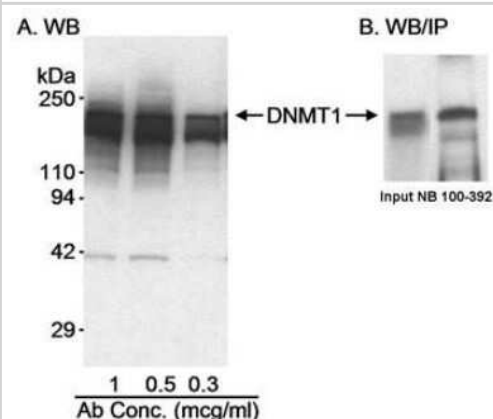
Western Blot: DNMT1 Antibody [NB100-392] - Detection of human DNMT1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-DNMT1 antibody NB100-392 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



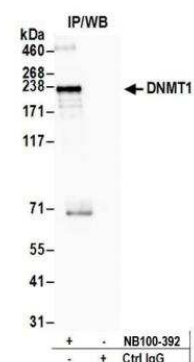
Western Blot: DNMT1 Antibody [NB100-392] - Dnmt1 in mouse brain cells. Image submitted by a verified customer review.



Immunoprecipitation: DNMT1 Antibody [NB100-392] - Detection of human DNMT1 in HeLa nuclear extracts [50 ug/lane (A), 10 ug input, or 1 mg NB 100-392 IP (B)] using NB 100-392. DNMT1 immunoprecipitated with NB 100-392 and detected with NB 100-392 using 0.2 ug/ml. 2 second ECL exposure.



Immunoprecipitation: DNMT1 Antibody [NB100-392] - Detection of human DNMT1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-DNMT1 antibody NB100-392 used for IP at 3 ug per reaction. For blotting immunoprecipitated DNMT1, NB100-392 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Publications

Long M, Singh P, Llimos G et al. Reduced NCOR2 expression accelerates androgen deprivation therapy failure in prostate cancer Cell Rep 2021-12-15 [PMID: 34910907]

Chestnut BA, Chang Q, Price A et al. Epigenetic regulation of motor neuron cell death through DNA methylation. J Neurosci 2011-11-01 [PMID: 22090490]





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Products Related to NB100-392

NB800-PC9	HeLa Nuclear Cell Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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