

# Product Datasheet

## DNMT1 Antibody - BSA Free NB100-392

Unit Size: 100 ul

Store at 4C. Do not freeze.

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Updated 9/9/2025 v.20.1

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**NB100-392**

DNMT1 Antibody - BSA Free

**Product Information**

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

**Product Description**

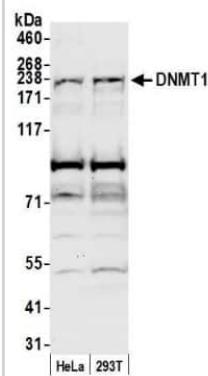
<b>Description</b>	Novus Biologicals Rabbit DNMT1 Antibody - BSA Free (NB100-392) is a polyclonal antibody validated for use in WB and IP. Anti-DNMT1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	1786
<b>Gene Symbol</b>	DNMT1
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse reactivity reported from a verified customer review.
<b>Immunogen</b>	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**

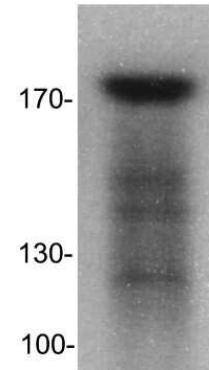
<b>Applications</b>	Western Blot, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:2000 - 1:10000, Immunoprecipitation 2 - 4 ug/mg lysate
<b>Application Notes</b>	DNMT1 antibody validated for WB from a verified customer review.

## Images

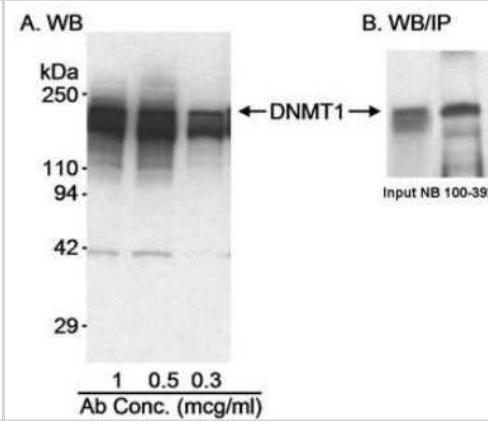
Western Blot: DNMT1 Antibody [NB100-392] - Detection of human DNMT1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-DNMT1 antibody NB100-392 used for WB at 0.1 ug/ml. Detection: Chemiluminescence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



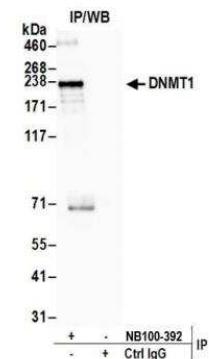
Western Blot: DNMT1 Antibody [NB100-392] - Dnmt1 in mouse brain cells. Image submitted by a verified customer review.



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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