

# Product Datasheet

## DNMT1 Antibody - BSA Free

### NBP1-84328

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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#### Publications: 2

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**NBP1-84328**

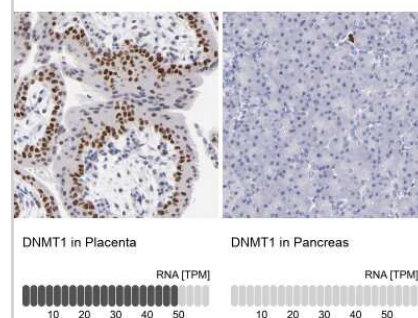
DNMT1 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Host	Rabbit
Gene ID	1786
Gene Symbol	DNMT1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (85%), Rat (86%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: IPDDSSKPLYLARVTALWEDSSNGQMFHAHWFCAGTDTVLGATSDPLELFLVD ECEDMQLSYIHSKVKVIYKAPSENWAMEGGMDPESLLEGDDGKTYFYQLWYD QDYARFESPPKTQPTEDNKFKFCVSCARLAEMRQKEIPRVL
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

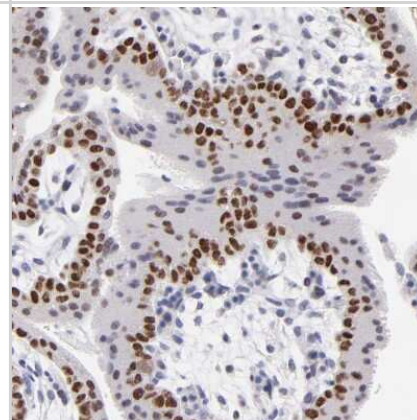


## Images

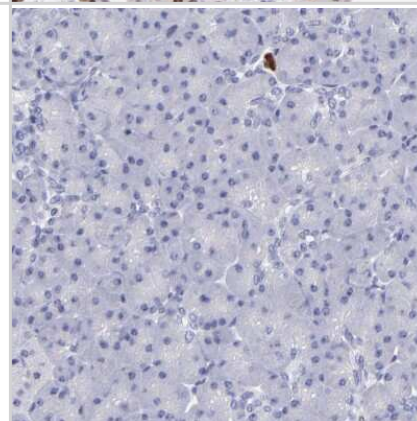
Immunohistochemistry-Paraffin: DNMT1 Antibody [NBP1-84328] - Staining in human placenta and pancreas tissues using anti-DNMT1 antibody. Corresponding DNMT1 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: DNMT1 Antibody [NBP1-84328] - Staining of human placenta shows high expression.



Immunohistochemistry-Paraffin: DNMT1 Antibody [NBP1-84328] - Staining of human pancreas shows low expression as expected.



## Publications

Soon Sang Park, Young-Kyoung Lee, Yong Won Choi, Su Bin Lim, So Hyun Park, Han Ki Kim, Jun Sang Shin, Young Hwa Kim, Dong Hyun Lee, Jang-Hee Kim, Tae Jun Park Cellular senescence is associated with the spatial evolution toward a higher metastatic phenotype in colorectal cancer. Cell reports 2024-04-01 [PMID: 38446659]

Lin J, Haffner MC, Zhang Y et al. Disulfiram is a DNA demethylating agent and inhibits prostate cancer cell growth. Prostate 2011-03-01 [PMID: 20809552]



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### **Products Related to NBP1-84328**

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NBP1-84328PEP	DNMT1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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