

Product Datasheet

DNMT3A Antibody - BSA Free

NBP1-85961

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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NBP1-85961

DNMT3A Antibody - BSA Free

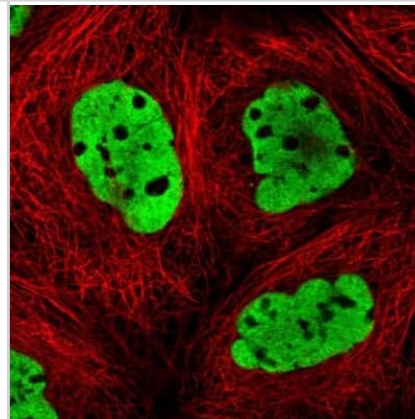
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	1788
Gene Symbol	DNMT3A
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in (PMID: 25347737).
Immunogen	This DNMT3A Antibody was developed against Recombinant Protein corresponding to amino acids: LPEASRAVENGCCCTPKEGRGAPAEAGKEQKETNIESMKMEGSRGRLRGGLG WESSLRQRPMPRLTFQAGDPYYISKRKRDEWLRWKREAEKKAKVIAGMNAV EENQGPGESQKVEE

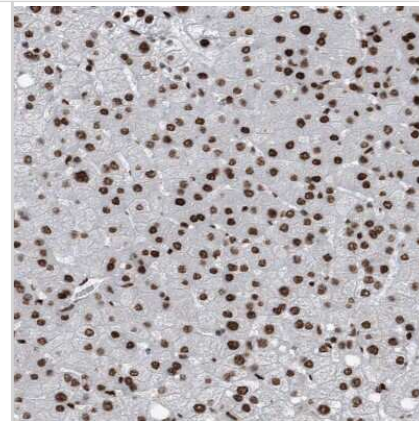
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

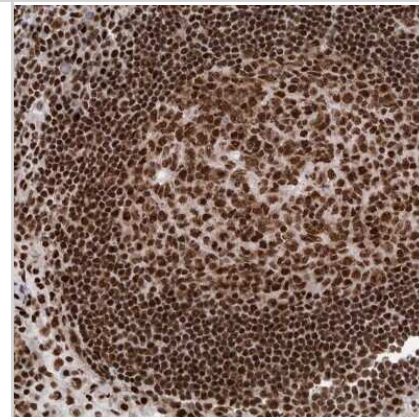
Immunocytochemistry/Immunofluorescence: DNMT3A Antibody [NBP1-85961] - Staining of human cell line A-431 shows localization to nucleoplasm. Antibody staining is shown in green.



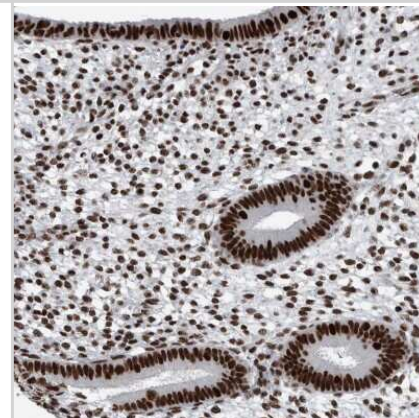
Immunohistochemistry-Paraffin: DNMT3A Antibody [NBP1-85961] - Staining of human liver shows strong nuclear positivity in hepatocytes.



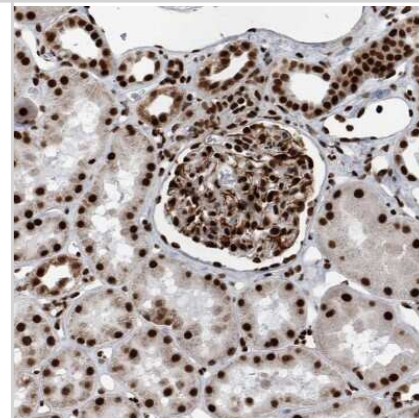
Immunohistochemistry-Paraffin: DNMT3A Antibody [NBP1-85961] - Staining of human lymph node shows strong nuclear positivity.



Immunohistochemistry-Paraffin: DNMT3A Antibody [NBP1-85961] - Staining of human endometrium shows strong nuclear positivity.



Immunohistochemistry-Paraffin: DNMT3A Antibody [NBP1-85961] - Staining of human kidney shows nuclear positivity in cells in glomeruli and tubular cells.



Publications

do Amaral-Silva GK, Morais TML, Wagner VP et al. Expression of DNMTs and H3K9ac in Ameloblastoma and Ameloblastic Carcinoma *Frontiers in Oral Health* 2021-10-26 [PMID: 35048062] (Immunohistochemistry)

Quist T, Jin H, Zhu Jf et al. The impact of osteoblastic differentiation on osteosarcomagenesis in the mouse. *Oncogene*. 2014-10-27 [PMID: 25347737] (IHC-P, Mouse)



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Products Related to NBP1-85961

NBP1-85961PEP	DNMT3A 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

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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