

# Product Datasheet

## DNMT3A Antibody (ST04-78)

### NBP2-67505

Unit Size: 100 ul

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

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**NBP2-67505****DNMT3A Antibody (ST04-78)****Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	ST04-78
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	TBS (pH7.4), 0.05% BSA, 40% Glycerol

**Product Description**

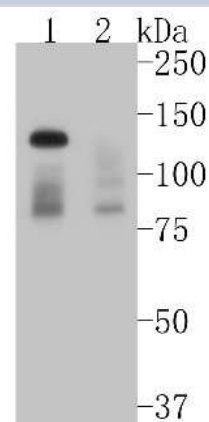
<b>Host</b>	Rabbit
<b>Gene ID</b>	1788
<b>Gene Symbol</b>	DNMT3A
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Synthetic peptide within human DNMT3A aa 600-640. (SwissProt: Q9Y6K1 Human; SwissProt: O88508 Mouse; SwissProt: Q1LZ53 Rat)

**Product Application Details**

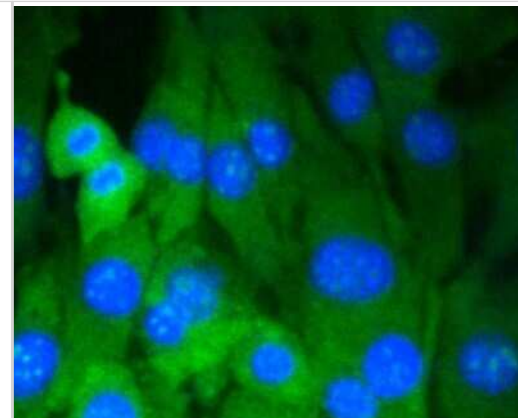
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:5000, Immunocytochemistry/ Immunofluorescence 1:50-1:200

**Images**

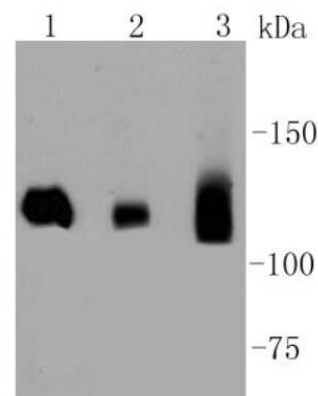
Western Blot: DNMT3A Antibody (ST04-78) [NBP2-67505] - Western blot analysis of DNMT3A on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Ra



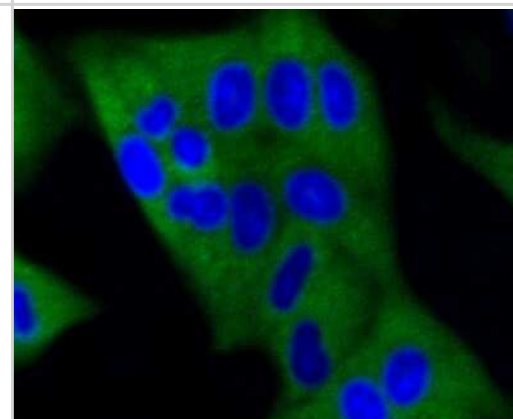
Immunocytochemistry/Immunofluorescence: DNMT3A Antibody (ST04-78) [NBP2-67505] - Staining Dnmt3a in NIH/3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



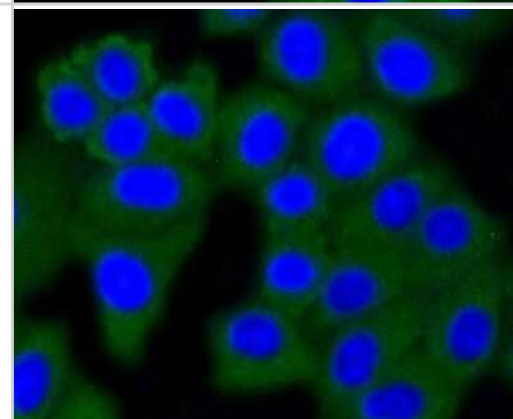
Western Blot: DNMT3A Antibody (ST04-78) [NBP2-67505] - Analysis of Dnmt3a on different lysates using anti-Dnmt3a antibody at 1/1,000 dilution. Positive control: Lane 1: Hela Lane 2: Human brain Lane 3: Human heart



Immunocytochemistry/Immunofluorescence: DNMT3A Antibody (ST04-78) [NBP2-67505] - Staining Dnmt3a in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunocytochemistry/Immunofluorescence: DNMT3A Antibody (ST04-78) [NBP2-67505] - Staining Dnmt3a in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.





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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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