

# Product Datasheet

## DNMT3B Antibody NBP3-18646-100ul

Unit Size: 100 ul

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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**NBP3-18646-100ul****DNMT3B Antibody**

| <b>Product Information</b> |                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------|
| <b>Unit Size</b>           | 100 ul                                                                                      |
| <b>Concentration</b>       | Please see the vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>             | Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.    |
| <b>Clonality</b>           | Polyclonal                                                                                  |
| <b>Preservative</b>        | 0.05% Sodium Azide                                                                          |
| <b>Purity</b>              | Whole Antiserum                                                                             |
| <b>Buffer</b>              | Whole antiserum                                                                             |

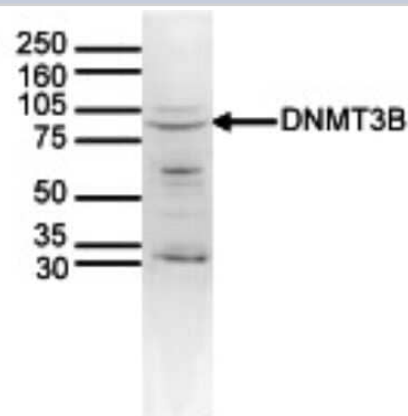
| <b>Product Description</b> |                                                                                                                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Novus Biologicals Rabbit DNMT3B Antibody (NBP3-18646) is a polyclonal antibody validated for use in WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.             |
| <b>Host</b>                | Rabbit                                                                                                                                                                                            |
| <b>Gene ID</b>             | 1789                                                                                                                                                                                              |
| <b>Gene Symbol</b>         | DNMT3B                                                                                                                                                                                            |
| <b>Species</b>             | Human, Mouse                                                                                                                                                                                      |
| <b>Immunogen</b>           | Polyclonal antibody raised in rabbit against mouse DNMT3B (DNA methyltransferase 3B), using a KLH-conjugated synthetic peptide containing a sequence from the N-terminal part of the protein (1). |

| <b>Product Application Details</b> |                                        |
|------------------------------------|----------------------------------------|
| <b>Applications</b>                | Western Blot, ELISA                    |
| <b>Recommended Dilutions</b>       | Western Blot 1:1000, ELISA 1:100-1:500 |

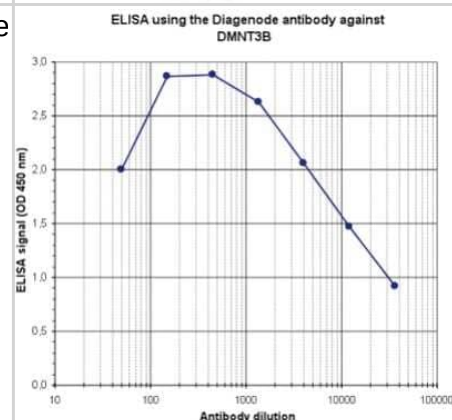


## Images

**Western Blot: DNMT3B Antibody [NBP3-18646] - Figure 2.** Western blot analysis using the antibody directed against DNMT3B. Nuclear extracts from HeLa cells (40 ug) were analysed by Western blot using the antibody against DNMT3B diluted 1:1,000 in TBS-Tween containing 5% skimmed milk. The position of the protein of interest is indicated on the right; the MW marker (in kDa) is shown on the left.



**ELISA: DNMT3B Antibody [NBP3-18646] - Figure 1.** Determination of the titer. To determine the titer, an ELISA was performed using a serial dilution of the antibody directed against mouse DNMT3B in antigen coated wells. By plotting the absorbance against the antibody dilution (Figure 1), the titer of the antibody was estimated to be 1:13,500.





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### **Products Related to NBP3-18646-100ul**

|               |                                                     |
|---------------|-----------------------------------------------------|
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP1-85815PEP | DNMT3B Recombinant Protein Antigen                  |
| NBP2-07562    | DNMT3B Overexpression Lysate                        |

### **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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