

# Product Datasheet

## SET1B Antibody NBP3-18682-100ul

Unit Size: 100 ul

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

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**NBP3-18682-100ul****SET1B 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                                                                             |

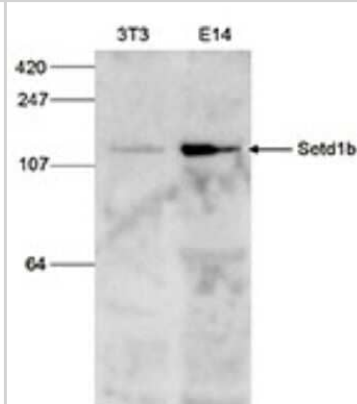
| <b>Product Description</b> |                                                                                                                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Novus Biologicals Rabbit SET1B Antibody (NBP3-18682) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                | Rabbit                                                                                                                                                                                            |
| <b>Gene ID</b>             | 23067                                                                                                                                                                                             |
| <b>Gene Symbol</b>         | SETD1B                                                                                                                                                                                            |
| <b>Species</b>             | Mouse                                                                                                                                                                                             |
| <b>Immunogen</b>           | Polyclonal antibody raised in rabbit against mouse SET1B (Set domain containing 1B), using a 3 KLH-conjugated synthetic peptides containing sequences from the central part of the protein (1).   |

| <b>Product Application Details</b> |                                                                                                                                                                       |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>                | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry                                                     |
| <b>Recommended Dilutions</b>       | Western Blot 1:500, ELISA 1:100-1:500, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20-1:50 |

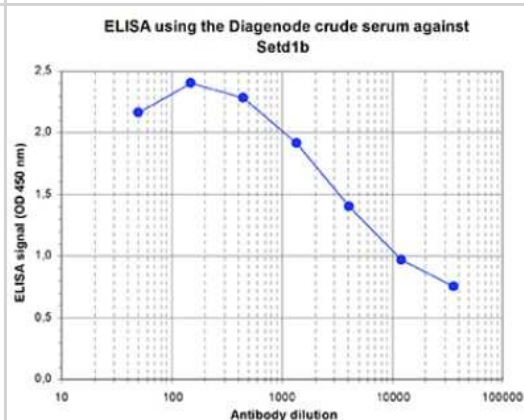


## Images

**Western Blot: SET1B Antibody [NBP3-18682]** - Western blot was performed on whole cell lysates from mouse fibroblasts (NIH3T3) and embryonic stem cells (E14Tg2a) with the antibody against mouse SET1B, diluted 1:500 in BSA/ PBS-Tween. The molecular weight marker (in kDa) is shown on the left; the location of the protein of interest is indicated on the right.



**ELISA: SET1B Antibody [NBP3-18682]** - Figure 1. Determination of the titer To determine the titer, an ELISA was performed using a serial dilution of the antibody directed against mouse SET1B. The plates were coated with a mix of the peptides used for immunization of the rabbit. By plotting the absorbance against the antibody dilution (Figure 1), the titer of the antibody was estimated to be 1:8,400.





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### **Products Related to NBP3-18682-100ul**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP1-87896PEP | SET1B Recombinant Protein Antigen                   |
| NBP2-55848PEP | SET1B Recombinant Protein Antigen                   |

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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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