

# Product Datasheet

## Regulatory protein GAL4 Antibody - BSA Free NBP2-76808

Unit Size: 0.1 mg

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

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**NBP2-76808**

Regulatory protein GAL4 Antibody - BSA Free

**Product Information**

|                      |  |
|----------------------|--|
| <b>Unit Size</b>     | 0.1 mg   |
| <b>Concentration</b> | 1.0 mg/ml  |
| <b>Storage</b>       | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| <b>Clonality</b>     | Polyclonal   |
| <b>Preservative</b>  | 0.02% Sodium Azide   |
| <b>Isotype</b>       | IgG  |
| <b>Purity</b>        | Immunogen affinity purified  |
| <b>Buffer</b>        | PBS  |

**Product Description**

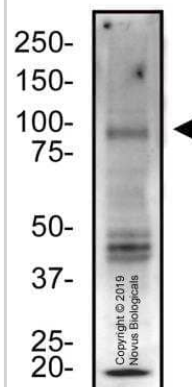
|                    |   |
|--------------------|---|
| <b>Description</b> | Novus Biologicals Rabbit Regulatory protein GAL4 Antibody - BSA Free (NBP2-76808) is a polyclonal antibody validated for use in WB. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>        | Rabbit  |
| <b>Species</b>     | Yeast   |
| <b>Immunogen</b>   | Partial recombinant protein made to a N terminal portion of the yeast GAL4 protein (amino acids 1-147) [UniProt P04386]   |

**Product Application Details**

|                              |                          |
|------------------------------|--------------------------|
| <b>Applications</b>          | Western Blot             |
| <b>Recommended Dilutions</b> | Western Blot 1 - 2 ug/ml |

**Images**

Western Blot: Regulatory protein GAL4 Antibody [NBP2-76808] - Total protein (20 ug) from yeast was separated on a 7.5% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 2.0 ug/ml anti-yeast GAL4 in block buffer and detected with an anti-rabbit HRP secondary antibody using chemiluminescence.



## Procedures

### Western Blot Protocol for Regulatory protein GAL4 Antibody (NBP2-76808)

#### Western Blot Protocol

1. Perform SDS-PAGE on samples to be analyzed, loading 10-25 ug of total protein per lane.
2. Transfer proteins to PVDF membrane according to the instructions provided by the manufacturer of the membrane and transfer apparatus.
3. Stain the membrane with Ponceau S (or similar product) to assess transfer success, and mark molecular weight standards where appropriate.
4. Rinse the blot TBS -0.05% Tween 20 (TBST).
5. Block the membrane in 5% Non-fat milk in TBST (blocking buffer) for at least 1 hour.
6. Wash the membrane in TBST three times for 10 minutes each.
7. Dilute primary antibody in blocking buffer and incubate overnight at 4C with gentle rocking.
8. Wash the membrane in TBST three times for 10 minutes each.
9. Incubate the membrane in diluted HRP conjugated secondary antibody in blocking buffer (as per manufacturer's instructions) for 1 hour at room temperature.
10. Wash the blot in TBST three times for 10 minutes each (this step can be repeated as required to reduce background).
11. Apply the detection reagent of choice in accordance with the manufacturers instructions.





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### **Products Related to NBP2-76808**

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|            |   |
|------------|---|
| 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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