

# Product Datasheet

## **GAD2/GAD65 Antibody - BSA Free** **NBP1-89801**

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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**NBP1-89801**

GAD2/GAD65 Antibody - BSA Free

**Product Information**

|                      |  |
|----------------------|--|
| <b>Unit Size</b>     | 0.1 ml   |
| <b>Concentration</b> | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <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 (pH 7.2) and 40% Glycerol  |

**Product Description**

|                         |   |
|-------------------------|---|
| <b>Host</b>             | Rabbit  |
| <b>Gene ID</b>          | 2572  |
| <b>Gene Symbol</b>      | GAD2  |
| <b>Species</b>          | Human   |
| <b>Reactivity Notes</b> | Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (84%), Rat (88%)   |
| <b>Marker</b>           | GABAergic Neuronal Marker   |
| <b>Immunogen</b>        | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>SGFWSFGSEDGSGDSENPGTARAWCQVAQKFTGGIGNKLCALLYGDAEKPA<br>ESGGSQPPRAAARKAACACDQKPCSCSKVDVNYAFLHATDLLP |

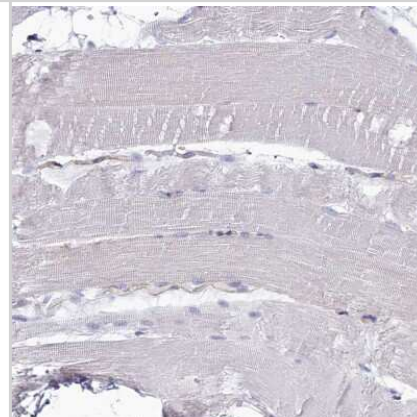
**Product Application Details**

|                              |   |
|------------------------------|---|
| <b>Applications</b>          | Immunohistochemistry, Immunohistochemistry-Paraffin                             |
| <b>Recommended Dilutions</b> | Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500 |
| <b>Application Notes</b>     | For IHC-Paraffin, HIER pH 6 retrieval is recommended.                           |

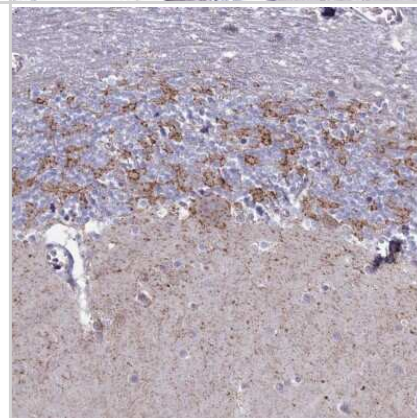


## Images

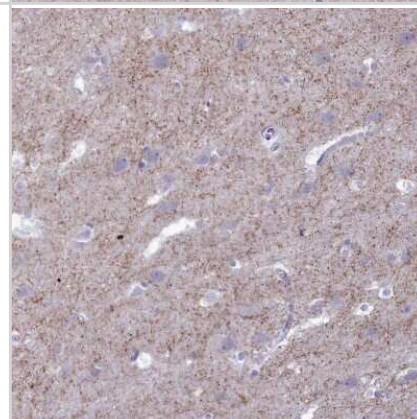
Immunohistochemistry-Paraffin: GAD2/GAD65 Antibody [NBP1-89801] - Staining of human skeletal muscle shows no granular cytoplasmic positivity in myocytes as expected.



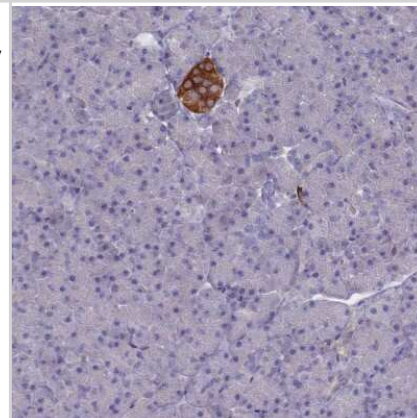
Immunohistochemistry-Paraffin: GAD2/GAD65 Antibody [NBP1-89801] - Staining of human cerebellum shows moderate granular cytoplasmic positivity in cells in molecular layer.



Immunohistochemistry-Paraffin: GAD2/GAD65 Antibody [NBP1-89801] - Staining of human cerebral cortex shows moderate granular cytoplasmic positivity in neuropil.



Immunohistochemistry-Paraffin: GAD2/GAD65 Antibody [NBP1-89801] - Staining of human pancreas shows strong granular cytoplasmic positivity in islets of Langerhans.





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### **Products Related to NBP1-89801**

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|               |   |
|---------------|---|
| NBP1-89801PEP | GAD2/GAD65 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                          |

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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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