

# Product Datasheet

## RBFOX3/NeuN Antibody (CL11896) - BSA Free NBP3-21203-100ul

Unit Size: 100 ul

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

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**NBP3-21203-100ul**

RBFOX3/NeuN Antibody (CL11896) - BSA Free

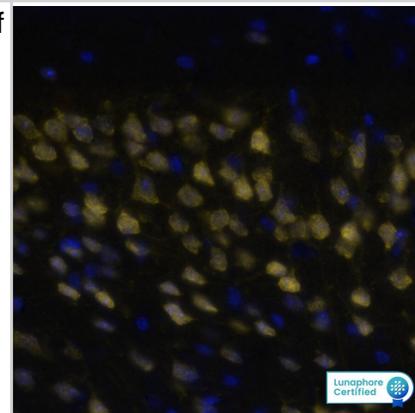
| Product Information |  |
|---------------------|--|
| Unit Size           | 100 ul   |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| Clonality           | Monoclonal   |
| Clone               | CL11896  |
| Preservative        | 0.02% Sodium Azide   |
| Isotype             | IgG2b  |
| Purity              | Protein A purified   |
| Buffer              | PBS, pH 7.2, 40% glycerol  |

| Product Description |   |
|---------------------|---|
| Description         | Novus Biologicals Mouse RBFOX3/NeuN Antibody (CL11896) - BSA Free (NBP3-21203) is a monoclonal antibody validated for use in IHC. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Mouse   |
| Gene ID             | 146713  |
| Gene Symbol         | RBFOX3  |
| Species             | Human, Mouse  |
| Immunogen           | This antibody was developed using a synthetic peptide derived from A6NFN3, with the exact immunogen sequence remaining proprietary.   |

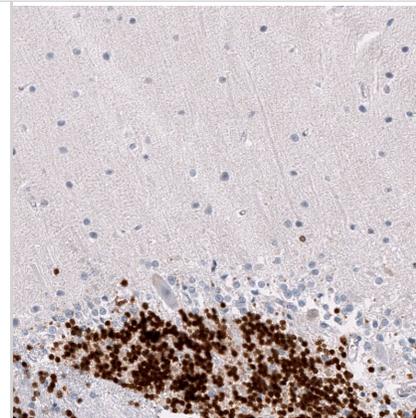
| Product Application Details |   |
|-----------------------------|---|
| Applications                | Immunohistochemistry-Paraffin, Immunohistochemistry                                 |
| Recommended Dilutions       | Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500 |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended.                               |

**Images**

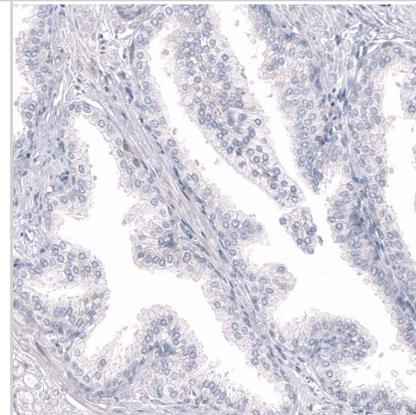
RBFOX3 was detected in immersion fixed paraffin-embedded sections of mouse Brain Cortex using Anti-Mouse RBFOX3, Monoclonal Antibody (Catalog #NBP3-21203) at 1:1000 dilution at 37 ° Celsius for 4 minutes. Before incubation with the primary antibody, tissue underwent an all-in-one dewaxing and antigen retrieval preprocessing using PreTreatment Module (PT Module) and Dewax and HIER Buffer H (pH 9; EpreDia Catalog # TA-999-DHBH). Tissue was stained using the Alexa Fluor™ 647 Goat anti-Mouse IgG Secondary Antibody at 1:200 at 37 ° Celsius for 2 minutes. (Yellow; Lunaphore Catalog # [DR647MS](#)) and counterstained with DAPI (blue; Lunaphore Catalog # [DR100](#)). Specific staining was localized to the neuronal nuclei. Protocol available in [COMET™ Panel Builder](#).



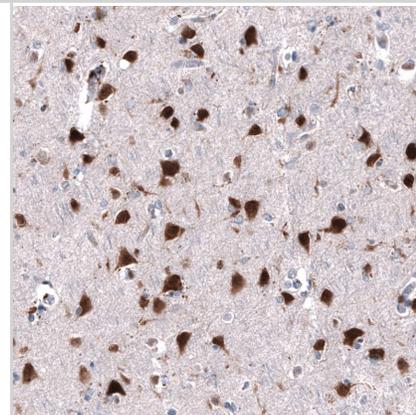
Staining of human cerebellum shows strong nuclear positivity in cells in granular layer.



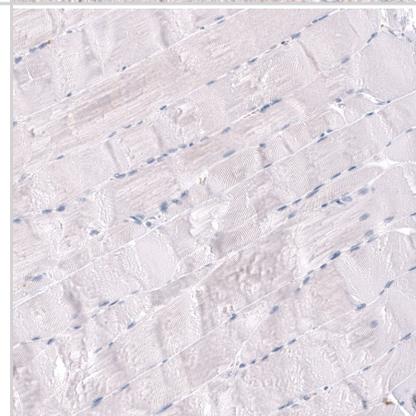
Staining of human prostate shows no positivity in glandular cells as expected.



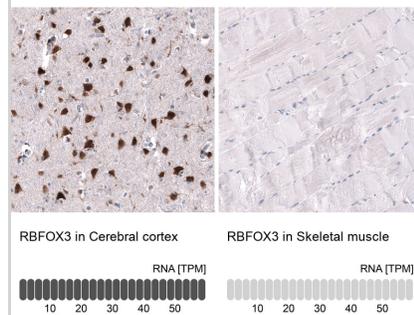
Staining of human cerebral cortex shows strong positivity in neurons.



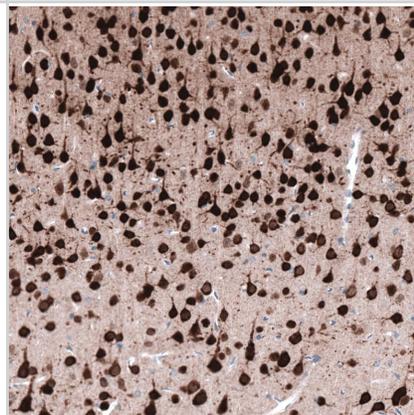
Staining of human skeletal muscle shows no positivity in myocytes as expected.



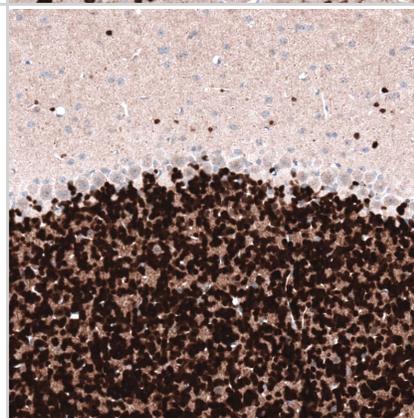
Analysis in human cerebral cortex and skeletal muscle tissues using NBP3-21203 antibody. Corresponding RBFOX3 RNA-seq data are presented for the same tissues.



Staining of mouse cerebral cortex shows strong positivity in neurons.



Staining of mouse cerebellum shows strong nuclear positivity in cells in granular layer.





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### **Products Related to NBP3-21203-100ul**

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|               |   |
|---------------|---|
| HAF007        | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B       | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP2-27231    | Mouse IgG2b Isotype Control (MPC-11)                    |
| NBP1-77686PEP | RBFOX3/NeuN Antibody Blocking Peptide                   |

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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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