

# Product Datasheet

## **POU3F3 Antibody (CL15302) [Unconjugated] NBP3-43659-100ul**

Unit Size: 100 ul

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

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**NBP3-43659-100ul**

POU3F3 Antibody (CL15302) [Unconjugated]

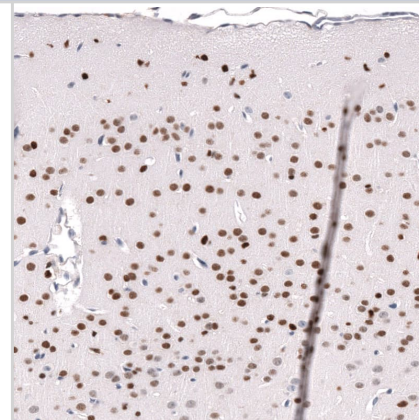
| Product Information |  |
|---------------------|--|
| Unit Size           | 100 ul   |
| Concentration       | 1 mg/ml  |
| Storage             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality           | Monoclonal   |
| Clone               | CL15302  |
| Preservative        | 0.02% Sodium Azide   |
| Isotype             | IgG1   |
| Conjugate           | Unconjugated   |
| Purity              | Protein A purified   |
| Buffer              | PBS, pH 7.2, 40% glycerol  |

| Product Description |   |
|---------------------|---|
| Host                | Mouse   |
| Gene ID             | 5455  |
| Gene Symbol         | POU3F3  |
| Species             | Human, Mouse, Rat   |
| Immunogen           | This antibody was generated using a synthetic peptide of P20264, with the exact immunogen sequence remaining proprietary. |

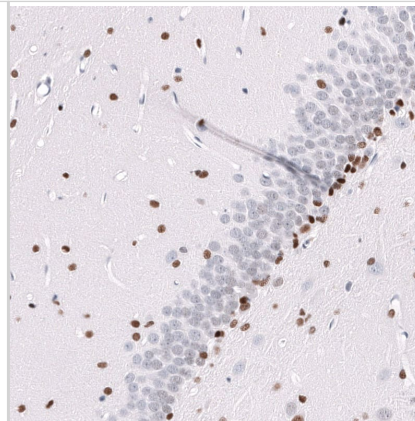
| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin  |
| Recommended Dilutions       | Western Blot 1 ug/ml, Immunohistochemistry 1:1000-1:2500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:1000-1:2500 |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.   |

**Images**

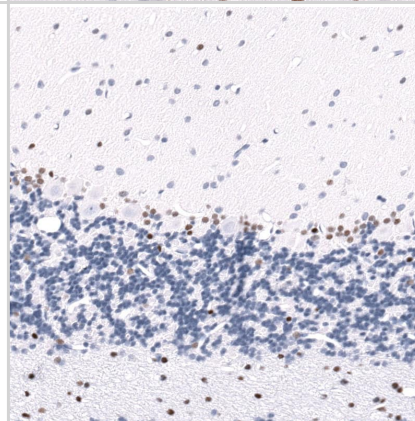
Staining of mouse cerebral cortex shows strong nuclear positivity in neurons.



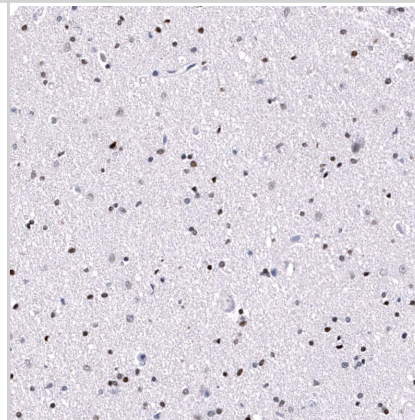
Staining of rat hippocampus shows moderate to strong nuclear positivity in a subset of neurons.



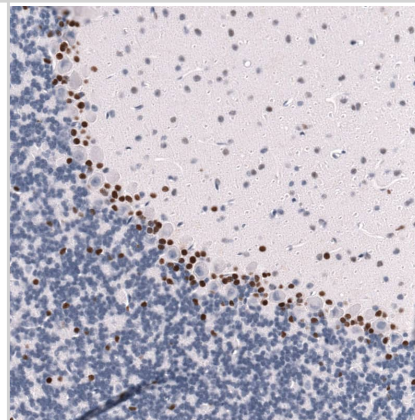
Staining of rat cerebellum shows moderate to strong nuclear positivity in a subset of neurons.



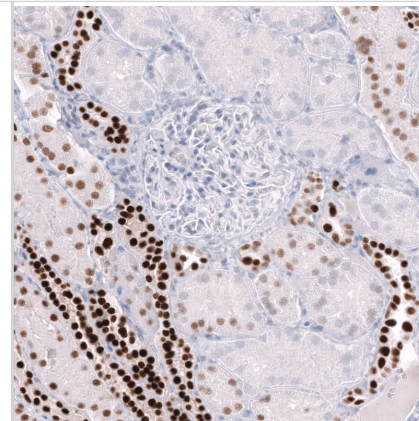
Staining of human cerebral cortex shows moderate to strong nuclear positivity in neurons and glial cells.



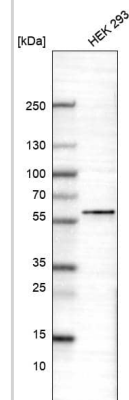
Staining of mouse cerebellum shows strong nuclear positivity in a subset of neurons.



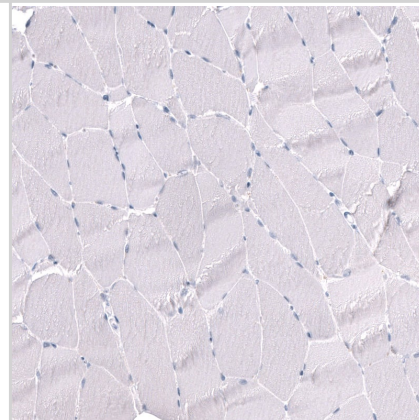
Staining of human kidney shows moderate to strong nuclear positivity in cells in tubules.



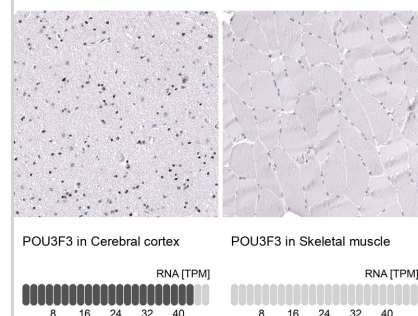
Analysis in human cell line HEK 293.



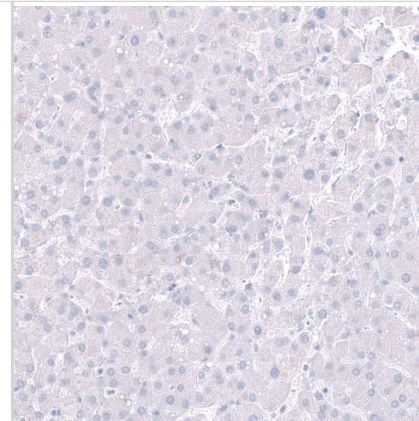
Staining of human skeletal muscle shows no positivity in myocytes as expected.



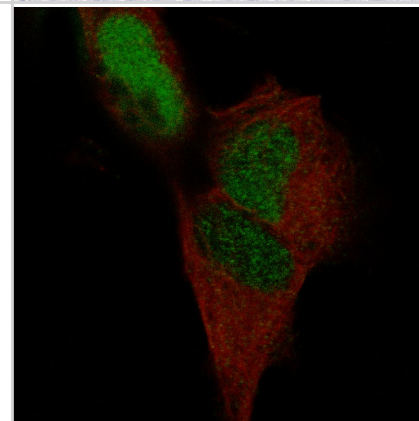
Analysis in human cerebral cortex and skeletal muscle tissues using NBP3-43659 antibody. Corresponding POU3F3 RNA-seq data are presented for the same tissues.



Staining of human liver shows no positivity in hepatocytes as expected.



Staining in SH-SY5Y cell line with POU3F3 monoclonal antibody, showing specific staining of nucleoplasm in green. Microtubule- and nuclear probes are visualized in red and blue respectively (where available).







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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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