

Product Datasheet

RBFox3/NeuN Antibody - BSA Free **NBP1-89821**

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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NBP1-89821

RBFOX3/NeuN Antibody - BSA Free

Product Information

| | |
|--------------------------------|--|
| Unit Size | 0.1 ml |
| 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 | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | PBS (pH 7.2) and 40% Glycerol |
| Target Molecular Weight | 33.8 kDa |

Product Description

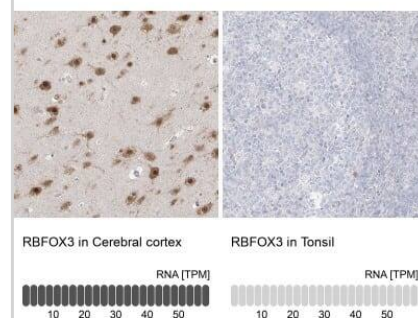
| | |
|-------------------------|---|
| Host | Rabbit |
| Gene ID | 146713 |
| Gene Symbol | RBFOX3 |
| Species | Human |
| Reactivity Notes | Reactivity reported in scientific literature (PMID: 24747576) |
| Marker | Neuronal Marker |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: PTQDYSGQTPVPTEHGMTLYTPAQTHPEQPGSEASTQPIAGTQTVPQTDEAA QTDSQPLHPSPTEKQQ |

Product Application Details

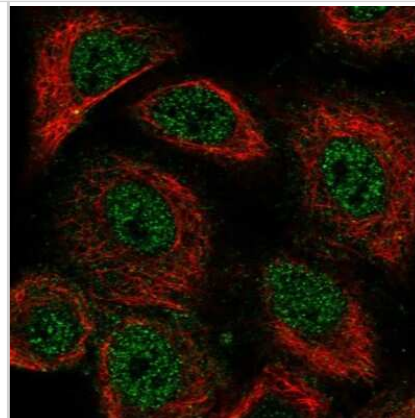
| | |
|------------------------------|---|
| Applications | Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. |

Images

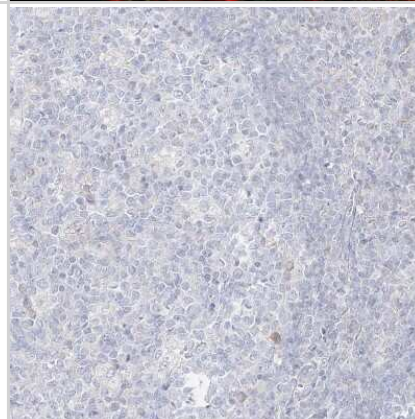
Immunohistochemistry-Paraffin: RBFOX3/NeuN Antibody [NBP1-89821]
- Analysis in human cerebral cortex and tonsil tissues. Corresponding RBFOX3/NeuN RNA-seq data are presented for the same tissues.



Immunocytochemistry/Immunofluorescence: RBFOX3/NeuN Antibody [NBP1-89821] - Staining of human cell line A549 shows localization to nucleoplasm. Antibody staining is shown in green.



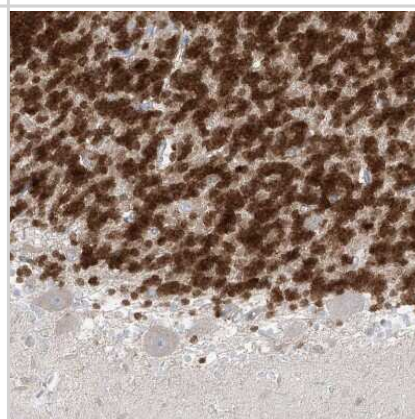
Immunohistochemistry-Paraffin: RBFOX3/NeuN Antibody [NBP1-89821] - Staining of human tonsil shows no positivity in germinal center cells as expected.



Immunohistochemistry-Paraffin: RBFOX3/NeuN Antibody [NBP1-89821] - Staining of human cerebral cortex shows high expression.



Immunohistochemistry-Paraffin: RBFOX3/NeuN Antibody [NBP1-89821] - Staining of human cerebellum shows strong nuclear positivity in cells in granular layer.



Immunohistochemistry-Paraffin: RBFOX3/NeuN Antibody [NBP1-89821]
- Staining of human hippocampus shows strong nuclear and cytoplasmic positivity in pyramidal cells.



Immunohistochemistry-Paraffin: RBFOX3/NeuN Antibody [NBP1-89821]
- Staining of human skeletal muscle shows no positivity in myocytes as expected.



Publications

Huttner HB, Bergmann O, Salehpour M et al. The age and genomic integrity of neurons after cortical stroke in humans. Nat Neurosci 2014-06-01 [PMID: 24747576]

Bergmann O, Liebl J, Bernard S et al. The age of olfactory bulb neurons in humans. Neuron 2012-05-01 [PMID: 22632721]



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Products Related to NBP1-89821

| | |
|---------------|---|
| NBP1-89821PEP | RBFOX3/NeuN 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 |

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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