

# 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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### Publications: 2

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Updated 2/21/2025 v.20.1

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**NBP1-89821**

RBFox3/NeuN Antibody - BSA Free

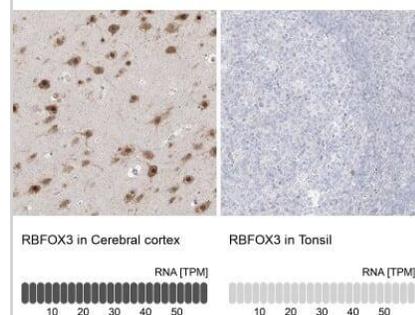
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium 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 QTDSQPLHPSDPTEKQQ

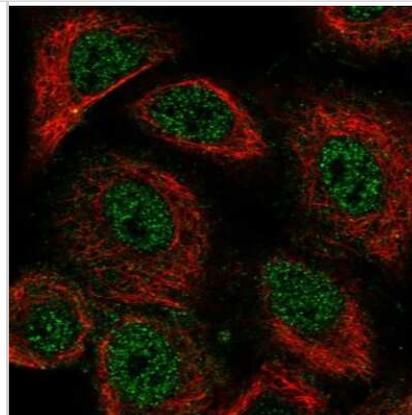
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application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

**Images**

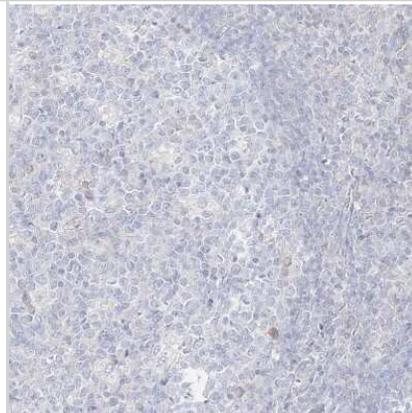
Immunohistochemistry-Paraffin: RBFox3/NeuN Antibody [NBP1-89821] - Analysis in human cerebral cortex and tonsil tissues. Corresponding RBFox3/NeuN RNA-seq data are presented for the same tissues.



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



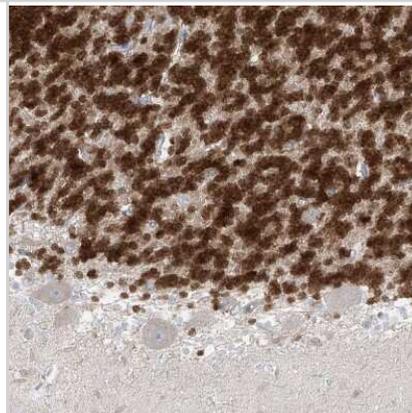
Immunohistochemistry-Paraffin: RBFOX3/NeuN Antibody [NBP1-89821] - Staining of human tonsil shows no positivity in germinal center cells as expected.



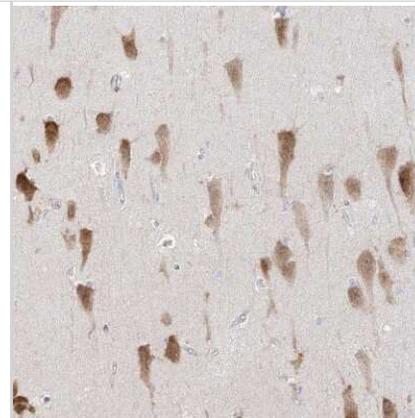
Immunohistochemistry-Paraffin: RBFOX3/NeuN Antibody [NBP1-89821] - Staining of human cerebral cortex shows high expression.



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**

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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

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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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