

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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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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	33.8 kDa

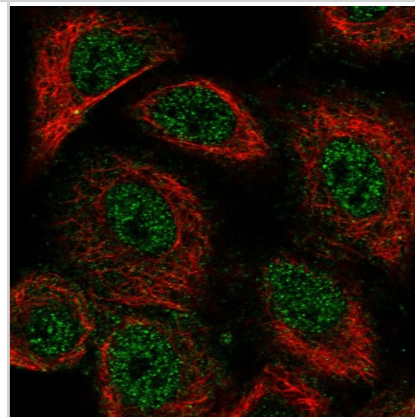
Product Description	
Description	Novus Biologicals Rabbit RBFOX3/NeuN Antibody - BSA Free (NBP1-89821) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-RBFOX3/NeuN Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene 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: PTQDYSGGQTPVPTEHGMTLYTPAQTHPEQPGSEASTQPIAGTQTVPQTDEAA QTDSQPLHPSDPTEKQQ

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
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.

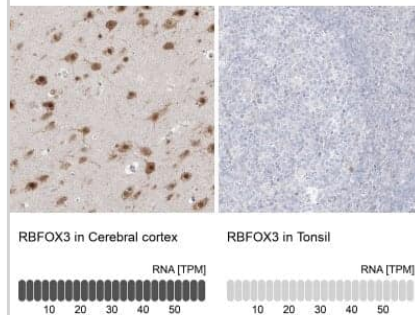


Images

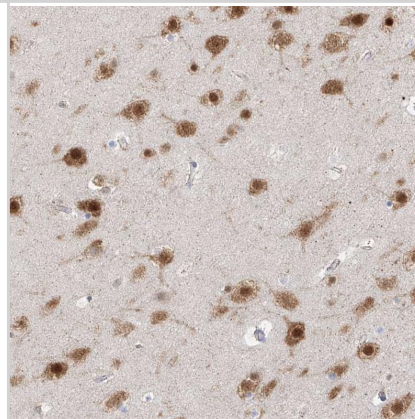
Staining of human cell line A549 shows localization to nucleoplasm.



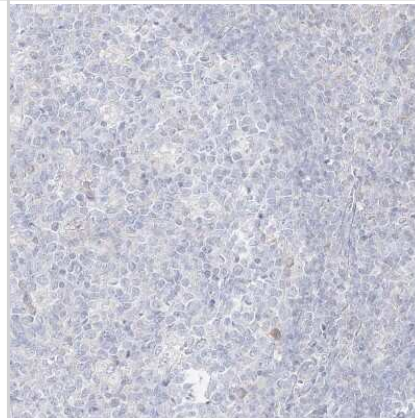
Immunohistochemistry-Paraffin: RBFOX3/NeuN Antibody [NBP1-89821]
- Analysis in human cerebral cortex and tonsil tissues. Corresponding RBFOX3/NeuN RNA-seq data are presented for the same tissues.



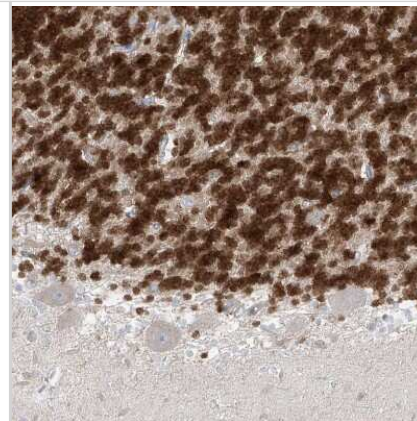
Staining of human cerebral cortex shows strong nuclear and cytoplasmic positivity in neurons.



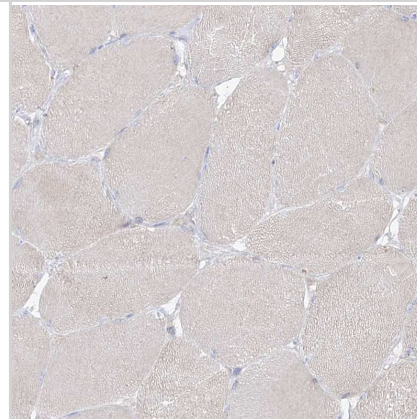
Immunohistochemistry-Paraffin: RBFOX3/NeuN Antibody [NBP1-89821]
- Staining of human tonsil shows no positivity in germinal center cells as expected.



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



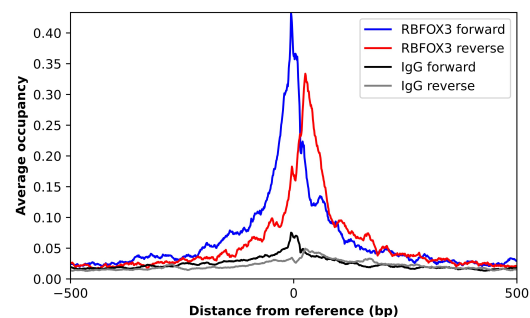
Staining of human skeletal muscle shows no positivity in myocytes as expected.



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



ChIP-Exo-Seq composite graph for Anti-RBFOX3 (NBP1-89821) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.



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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