

## Anti-FOX3/NeuN Rbfox3 Antibody

Catalog Number: M11954-2

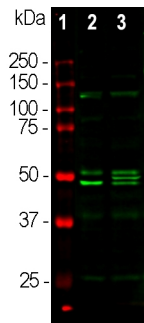
### Overview

Product Name	Anti-FOX3/NeuN Rbfox3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-FOX3/NeuN Rbfox3 Antibody catalog # M11954-2. Tested in IF, IHC, ICC applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC
Clonality	Polyclonal
Formulation	Supplied as an aliquot of serum plus 5mM NaN <sub>3</sub>
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q8BIF2

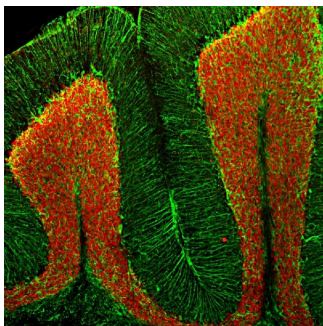
### Technical Details

Immunogen	N-terminal 100 amino acids of human FOX3 expressed in and purified from E. coli
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:5,000-1:10,000. IF/IHC 1:500-1:1,000

## Anti-FOX3/NeuN Rbfox3 Antibody (M11954-2) Images



Western blot analysis of whole brain lysates using rabbit pAb to Fox3/NeuN, M11954-2, dilution 1:1,000 in green: [1] protein standard (red), [2] mouse brain, [3] rat brain. Bands at 46-48kDa correspond to protein isotypes of the Fox3/NeuN protein.



Immunofluorescent analysis of a section of adult mouse cerebellum stained with rabbit pAb to FOX3/NeuN, M11954-2, dilution 1:5,000 in red, costained with chicken pAb to GFAP, dilution 1:5,000, in green. Following transcardial perfusion with 4% paraformaldehyde, brain was post fixed for 24 hours and 45m free-floating sections were stained with above antibodies. The FOX3/NeuN antibody stains the nuclei of neurons in the cerebellar granule layer. The GFAP antibody stains the processes of Bergmann glia in the molecular layer and astroglia in the granule and white matter layers.

## 5 Publications Citing This Product

1. PubMed ID: 33649825, Wang Y,Cai X,Wu Z,Tang L,Lu L,Xu Y,Bao X.Tetrandrine attenuates ischemia/reperfusion-induced neuronal damage in the subacute phase.Mol Med Rep.2021 Apr;23(4):297.doi:10.3892/mmr.2021.11936.Epub 2021 Mar 2.PMID:33649825.
2. PubMed ID: -, xiangrong chen,Yile Zeng,Fan Wang et al.ADAM17 Aggravates the Inflammatory Response by Modulating Microglia Polarization Through the TGF-beta1/Smad Pathway Following Experimental Traumatic Brain Injury,04 February 2021,PREPRINT (Version 1) available at
3. PubMed ID: 29606856, Sevoflurane post-conditioning attenuates traumatic brain injury-induced neuronal apoptosis by promoting autophagy via the PI3K/AKT signaling pathway

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