

Anti-FOX3/NeuN Rbfox3 Antibody

Catalog Number: M11954-3

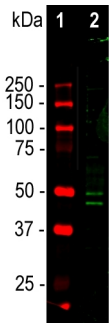
Overview

Product Name	Anti-FOX3/NeuN Rbfox3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-FOX3/NeuN Rbfox3 Antibody catalog # M11954-3. Tested in IF, IHC, ICC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	Supplied as an aliquot of IgY preparation plus 5mM NaN ₃
Storage Instructions	Stable at 4°C for one year
Host	Chicken
Uniprot ID	Q8BIF2

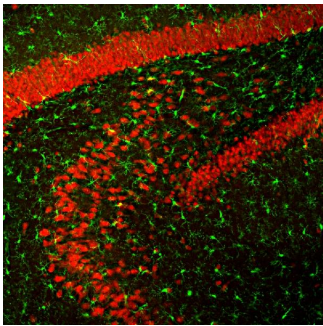
Technical Details

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	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB: 1:500-1:1000</p> <p>IF/IHC 1:5,000-1:10,000</p>

Anti-FOX3/NeuN Rbfox3 Antibody (M11954-3) Images



Western blot analysis of mouse brain nuclear fraction lysate using chicken pAb to FOX3/NeuN, CPCA-FOX3, dilution 1:1,000 in green. Lane 1 represents protein standard in red. Two bands at 46 and 50kDa mark correspond to the two isoforms of the FOX3/NeuN protein.



Immunofluorescent analysis of rat hippocampus section stained with chicken pAb to FOX3/NeuN, CPCA-FOX3, dilution 1:5,000 in red, and costained with rabbit pAb to IBA1, RPCA-Iba1, dilution 1:2,000, in green. Following transcardial perfusion with 4% paraformaldehyde, rat brain was post fixed for 24 hours, cut to 35uM, and free-floating sections were stained with the above antibodies. The FOX3/NeuN antibody stains the nuclei and distal perikarya of most neurons, while the IBA1 antibody specifically labels microglial cells.

6 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: 32593156, Li X,Shi MQ,Chen C,Du JR.Phthalide derivative CD21 ameliorates ischemic brain injury in a mouse model of global cerebral ischemia: involvement of inhibition of NLRP3.Int Immunopharmacol.2020 Sep;86:106714.doi: 10.1016/j.intimp.2020.106714.Epub 2020 Jun 24

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