Product Datasheet

RBFOX3/NeuN Antibody - BSA Free
NBP3-05554-100ul

Unit Size: 100 ul

Store at 4C short term. Store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 8

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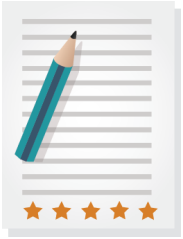
Updated 2/26/2025 v.20.1



NBP3-05554-100ul

RBFOX3/NeuN Antibody - BSA Free

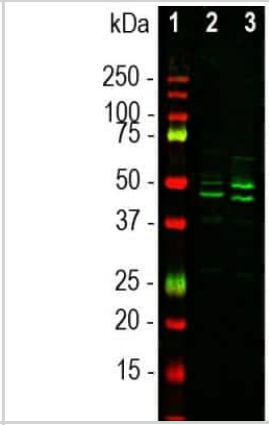
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.035% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	50% PBS, 50% glycerol
Target Molecular Weight	33.8 kDa

Product Description	
Host	Goat
Gene ID	146713
Gene Symbol	RBFOX3
Species	Human, Mouse, Rat, Porcine, Bovine, Chicken, Equine
Immunogen	N-terminal 100 amino acids of human RBFOX3/NeuN expressed in and purified from E. coli

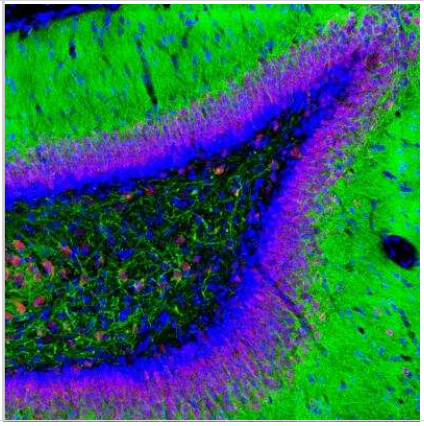
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry 1:1000-1:5000, Immunocytochemistry/ Immunofluorescence 1:1000-1:5000

Images

Western Blot: RBFOX3/NeuN Antibody [NBP3-05554] - Western blot analysis of whole brain lysates using RBFOX3/NeuN Antibody at a dilution of 1:1,000 in green: [1] protein standard (red), [2] mouse brain, [3] rat brain. Bands at 46k and 48 kDa correspond to protein isotypes of RBFOX3/NeuN.



Immunocytochemistry/Immunofluorescence: RBFOX3/NeuN Antibody [NBP3-05554] - Immunofluorescent analysis of a section of adult rat hippocampus stained with RBFOX3/NeuN Antibody at a dilution of 1:2,000 in red, costained with mouse monoclonal antibdy to MAP2 at a dilution of 1:2,000, in green. Nuclear DNA was revealed in blue using the DAPI stain. Following transcardial perfusion of mouse with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45uM, and free-floating sections were stained with the above antibodies. The RBFOX3/NeuN antibody stains the nuclei of neurons in the hippocampus while the MAP2 antibody stains the dendritic processes of neurons.



Publications

Wang Y, Dang Z, Wang X et al. Obacunone Alleviates Chronic Pelvic Pain and Pro-Inflammatory Depolarization of Macrophage Induced by Experimental Autoimmune Prostatitis in Mice Available at SSRN 2023-01-01 (Immunohistochemistry, Mouse)

Yadong Wang, Zhaohui Dang, Xu Wang, Yuanyuan Chen, Peng Dong, Gang Liu, Weibin Tan, Zhong Gui, Fan Bu, Feng Lin, Chaozhao Liang Obacunone alleviates chronic pelvic pain and pro-inflammatory depolarization of macrophage induced by experimental autoimmune prostatitis in mice Biochemistry and Biophysics Reports 2023-10-31 [PMID: 37965064]

Song-I Seol, Dashdulam Davaanyam, Sang-A Oh, Eun-Hwa Lee, Pyung-Lim Han, Seung-Woo Kim, Ja-Kyeong Lee, Ines Moreno-Gonzalez, Rosanna Dono, Joana A. Loureiro, Claudia Duran-Aniotz Age-Dependent and Aβ-Induced Dynamic Changes in the Subcellular Localization of HMGB1 in Neurons and Microglia in the Brains of an Animal Model of Alzheimer's Disease Cells 2024-01-18 [PMID: 38247880]

Bu F, Li Y, Lan S et al. Blocking Pannexin-1 Channels Alleviates Thalamic Hemorrhage-Induced Pain and Inflammatory Depolarization of Microglia in Mice ACS chemical neuroscience 2023-06-28 [PMID: 37377340]

Enders J, Jack J, Thomas S et al. Ketolysis is required for the proper development and function of the somatosensory nervous system Experimental neurology 2023-04-24 [PMID: 37100111] (IHC, Mouse)

Jiang W, He F, Ding G, Wu J Elamipretide reduces pyroptosis and improves functional recovery after spinal cord injury CNS neuroscience & therapeutics 2023-04-20 [PMID: 37081763] (ICC/IF)

Jiang W, He F, Ding G, Wu J Dopamine inhibits pyroptosis and attenuates secondary damage after spinal cord injury in female mice Neuroscience letters Oct 25 2022 12:00AM [PMID: 36307053] (ICC/IF, Mouse)

Jiang W, He F, Ding G, Wu J Topotecan Reduces Neuron Death after Spinal Cord Injury by Suppressing Caspase-1-Dependent Pyroptosis Molecular neurobiology Jul 18 2022 12:00AM [PMID: 35851945]

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Products Related to NBP3-05554-100ul

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP1-77686PEP	RBFOX3/NeuN Antibody Blocking Peptide

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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