


Anti-NeuN antibody - Neuronal Marker ab128886

★★★★★ [12 Abreviews](#) [36 References](#) [4 Images](#)

Overview

Product name	Anti-NeuN antibody - Neuronal Marker
Description	Rabbit polyclonal to NeuN - Neuronal Marker
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Mouse, Rat, Human Predicted to work with: Sheep, Goat, Horse, Cow, Cat, Dog, Chimpanzee, Macaque monkey, Gorilla, Chinese hamster, Common marmoset 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p> <p>Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.</p>
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab128886 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P	★★★★★ (8)	Use a concentration of 1 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB	★★★★★ (1)	Use at an assay dependent concentration. Detects a band of approximately 50 kDa (predicted molecular weight: 34 kDa).

Target

Function

RNA-binding protein that regulates alternative splicing events.

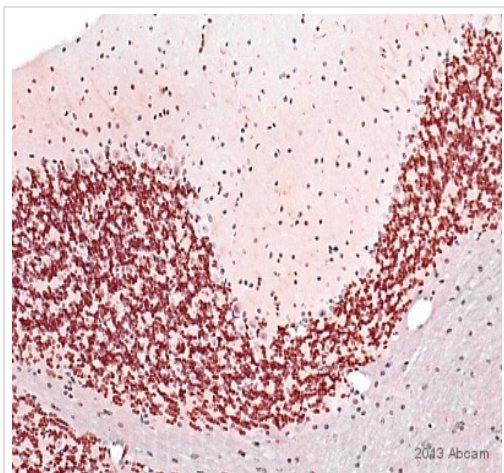
Sequence similarities

Contains 1 RRM (RNA recognition motif) domain.

Cellular localization

Nucleus. Cytoplasm.

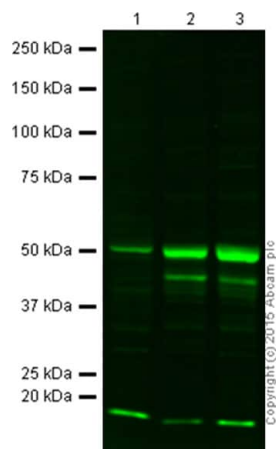
Images



IHC-P image of FOX3/NeuN staining on mouse cerebellum sections using ab128886 (1:2000). The sections were subjected to heat mediated antigen retrieval using citric acid pH6. The sections were blocked using 1% BSA for 10 mins using 21°C. The primary antibody was used at 1:2000 for 2 hours at 21°C. The secondary antibody used was goat polyclonal to rabbit IgG conjugated to biotin.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NeuN antibody - Neuronal Marker (ab128886)

This image is courtesy of Carl Hobbs, King's College London, United Kingdom



Western blot - Anti-NeuN antibody - Neuronal Marker (ab128886)

All lanes : Anti-NeuN antibody - Neuronal Marker (ab128886) at 5 μ g/ml

Lane 1 : Human brain lysate

Lane 2 : Mouse brain lysate

Lane 3 : Rat brain lysate

Lysates/proteins at 20 μ g per lane.

Secondary

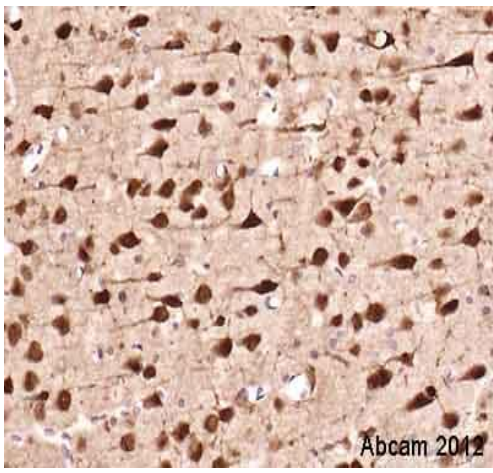
All lanes : Goat anti Rabbit IR680 at 1/10000 dilution

Predicted band size: 34 kDa

Observed band size: 50 kDa

Additional bands at: 15 kDa, 48 kDa (possible isoform). We are unsure as to the identity of these extra bands.

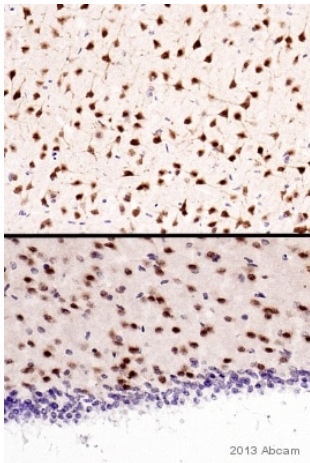
This blot was produced using a 4-12% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using Licor blocking buffer before being incubated with ab128886 overnight at 4°C. Antibody binding was detected using Goat anti Rabbit IR680 at a 1:10,000 dilution for 1 hr at room temperature and then imaged using the Licor Odyssey CLx.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NeuN antibody - Neuronal Marker (ab128886)

This image is courtesy of Carl Hobbs, King's College London, United Kingdom

IHC-P image of FOX3/NeuN staining on rat brain sections using ab128886 (1:3000). The sections were subjected to heat mediated antigen retrieval using citric acid pH6. The sections were blocked using 1% BSA for 10 mins using 21°C. The primary antibody was used at 1:3000 for 2 hours at 21°C. The secondary antibody used was goat polyclonal to rabbit IgG conjugated to biotin.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NeuN antibody - Neuronal Marker (ab128886)

This image is courtesy of Carl Hobbs, King's College London, United Kingdom

IHC-P image of FOX3/NeuN staining on rat brain sections of Cortex (upper image) and lateral ventricle - SVZ (lower image) using ab128886 (1:3000). The sections were subjected to heat mediated antigen retrieval using citric acid pH6. The sections were blocked using 1% BSA for 10 mins using 21°C. The primary antibody was used at 1:3000 for 2 hours at 21°C. The secondary antibody used was goat polyclonal to rabbit IgG conjugated to biotin.

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