abcam

Product datasheet

Anti-NeuN antibody - Neuronal Marker ab104225

★★★★★ **11 Abreviews**   **224 References**   **画像数** 9

製品の概要

製品名	Anti-NeuN antibody - Neuronal Marker
製品の詳細	Rabbit polyclonal to NeuN - Neuronal Marker
由来種	Rabbit
アプリケーション	**適用あり:** WB, IHC-FrFl, IHC-P, IHC-FoFr
種交差性	**交差種:** Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	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.

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 |

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.03% Sodium azide
Constituents: 49.98% PBS, 49.98% Glycerol (glycerin, glycerine)
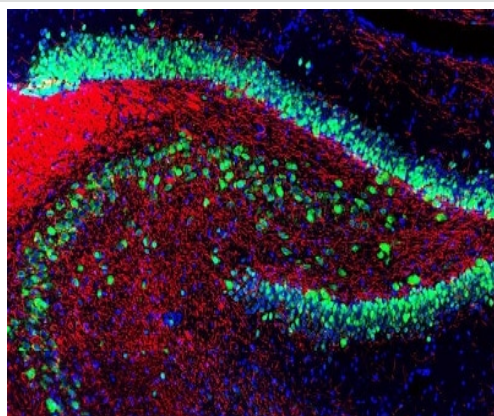| 精製度	Affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee   **Abpromise保証は、次のテスト済みアプリケーションにおけるab104225の使用に適用されます**

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

| アプリケーション	Abreviews	特記事項
WB		1/5000 - 1/10000. Predicted molecular weight: 48 kDa.
IHC-FrFl	★★★★☆ (1)	Use at an assay dependent concentration.
IHC-P	★★★★★ (6)	1/500 - 1/1000.
IHC-FoFr	★★★★☆ (1)	Use at an assay dependent concentration.

ターゲット情報

機能	RNA-binding protein that regulates alternative splicing events.
配列類似性	Contains 1 RRM (RNA recognition motif) domain.
細胞内局在	Nucleus. Cytoplasm.

画像

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NeuN antibody - Neuronal Marker (ab104225)

Immunohistochemical analysis of paraformaldehyde fixed frozen section Rat hippocampus tissue labeling NeuN with ab104225 at 1/1000 dilution.
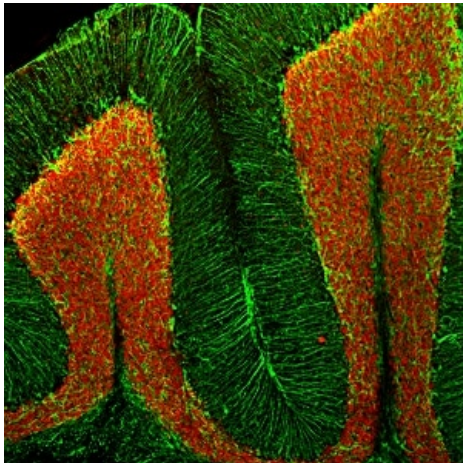
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NeuN antibody - Neuronal Marker (ab104225)
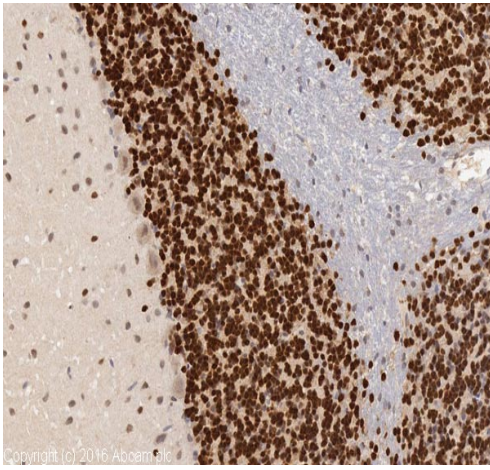
IHC image of NeuN staining in rat cerebellum formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab104225, 1in500 dilution, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

Immunohistochemistry - Free Floating - Anti-NeuN antibody - Neuronal Marker (ab104225)

Immunofluorescent analysis of a section of adult mouse cerebellum stained with ab104225 at a dilution 1:5,000 in red, co-stained with chicken pAb to GFAP, dilution 1:5,000, in green.

Following transcardial perfusion of mouse with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45 µM, and free-floating sections. ab104225 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.
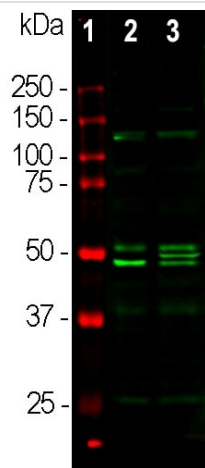
Western blot - Anti-NeuN antibody - Neuronal Marker (ab104225)

All lanes : Anti-NeuN antibody - Neuronal Marker (ab104225) at 1/1000 dilution

Lane 2 : Mouse whole brain lysate

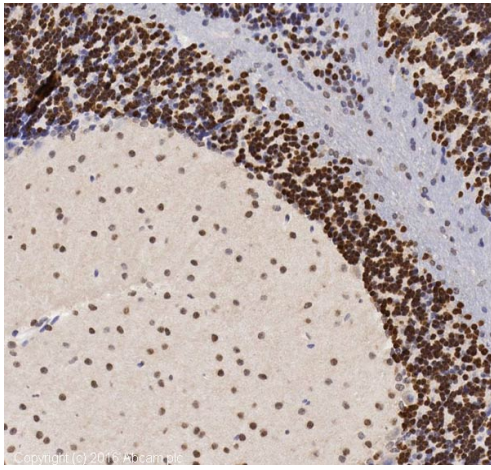**Lane 3 :** Rat whole brain lysate

Predicted band size: 48 kDa

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NeuN antibody - Neuronal Marker (ab104225)

IHC image of NeuN staining in human cerebellum formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab104225, 1in500 dilution, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.
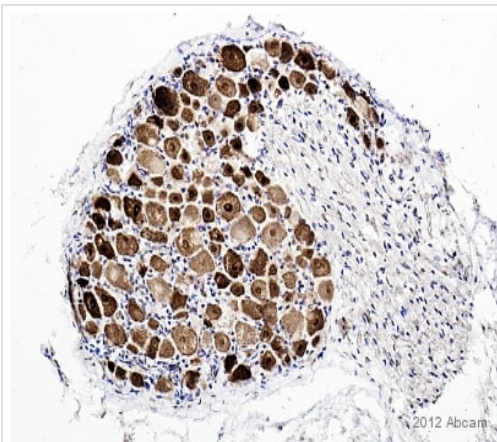
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NeuN antibody - Neuronal Marker (ab104225)

IHC image of NeuN staining in mouse cerebellum formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol B. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab104225, 1in500 dilution, for 15 mins at room temperature. A goat anti-rabbit biotinylated secondary antibody was used to detect the primary, and visualized using an HRP conjugated ABC system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.
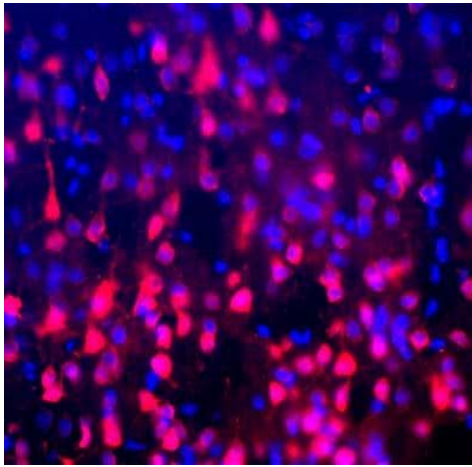
For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NeuN antibody - Neuronal Marker (ab104225)
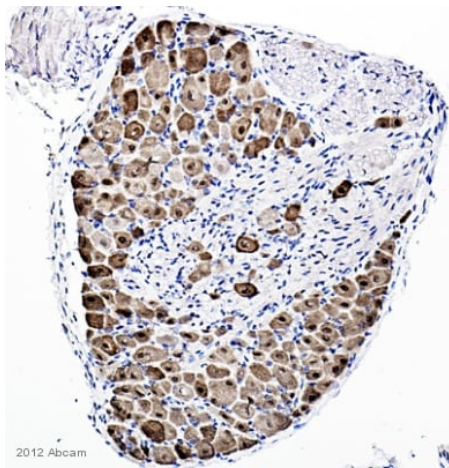
This image is courtesy of an abreview submitted by Carl Hobbs, King's College London, United Kingdom

IHC-P image of FOX3/NeuN staining using rat DRG using **ab104225** (1:500). The sections were subjected to heat mediated antigen retrieval using citric acid pH 6. The sections were blocked using 1% BSA for 10 mins at 21°C. **ab104225** was incubated for 2 hours at 21°C. The secondary antibody used was Goat polyclonal to Rabbit IgG conjugated to biotin (1:200).

ab104225 at 1/1000 dilution, staining FOX3 (red) in rat brain cortex and counterstained for DNA in blue.

Immunohistochemistry (PFA perfusion fixed frozen sections) - Anti-NeuN antibody - Neuronal Marker (ab104225)

IHC-P image of FOX3/NeuN staining using mouse DRG using ab104225 (1:500). The sections were subjected to heat mediated antigen retrieval using citric acid pH 6. The sections were blocked using 1% BSA for 10 mins at 21°C. ab104225 was incubated for 2 hours at 21°C. The secondary antibody used was Goat polyclonal to Rabbit IgG conjugated to biotin (1:200).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NeuN antibody - Neuronal Marker (ab104225)

This image is courtesy of an abreview submitted by Carl Hobbs, King's College London, United Kingdom

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