

# Anti-NeuN antibody [EPR21906] - Neuronal Marker ab236870

**重组 RabMAb**

★★★★★ **3 Abreviews** **3 References** **9 图像**

### 概述

<b>产品名称</b>	Anti-NeuN抗体[EPR21906] - Neuronal Marker
<b>描述</b>	兔单克隆抗体[EPR21906] to NeuN - Neuronal Marker
<b>宿主</b>	Rabbit
<b>经测试应用</b>	<b>适用于:</b> WB, IHC-P, IHC-Fr, IP
<b>种属反应性</b>	<b>与反应:</b> Mouse, Rat, Human
<b>免疫原</b>	Recombinant full length protein. This information is proprietary to Abcam and/or its suppliers.
<b>阳性对照</b>	WB: Human fetal brain, hippocampus and cerebellum lysates; Mouse and rat brain, cerebral cortex, cerebellum and hippocampus lysates. IHC-P: Human cerebrum and cerebellum tissues; Mouse and rat cerebrum tissues. IHC-Fr: Mouse and rat cerebellum tissues. IP: Human cerebellum lysate.
<b>常规说明</b>	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

### 性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>存储溶液</b>	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
<b>纯度</b>	Protein A purified
<b>克隆</b>	单克隆
<b>克隆编号</b>	EPR21906

## 应用

## The Abpromise guarantee

**Abpromise™**承诺保证使用ab236870于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000. Detects a band of approximately 46, 48 kDa (predicted molecular weight: 34 kDa).
IHC-P	★★★★★ (2)	1/4000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
IHC-Fr		1/100. Perform heat mediated antigen retrieval using sodium citrate buffer (10mM citrate pH 6.0 + 0.05% Tween-20).
IP		1/30.

## 靶标

## 功能

RNA-binding protein that regulates alternative splicing events.

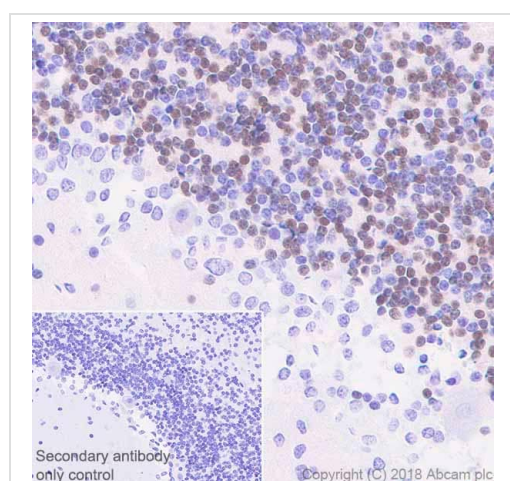
## 序列相似性

Contains 1 RRM (RNA recognition motif) domain.

## 细胞定位

Nucleus. Cytoplasm.

## 图片

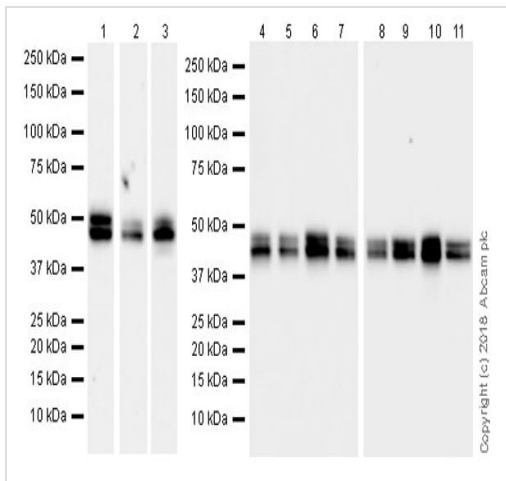


Immunohistochemical analysis of paraffin-embedded human cerebellum tissue labeling NeuN with ab236870 at 1/4000 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) Ready to use. Nuclear and cytoplasmic staining in granule cells of human cerebellum (PMID:8813082; PMID:1483388). Counterstained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody Goat Anti-Rabbit IgG H&L (HRP) Ready to use.

Heat mediated antigen retrieval was performed with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NeuN antibody [EPR21906] - Neuronal Marker (ab236870)



Western blot - Anti-NeuN antibody [EPR21906] - Neuronal Marker (ab236870)

**All lanes** : Anti-NeuN antibody [EPR21906] - Neuronal Marker (ab236870) at 1/1000 dilution

**Lane 1** : Human fetal brain lysate

**Lane 2** : Human hippocampus lysate

**Lane 3** : Human cerebellum lysate

**Lane 4** : Mouse brain lysate

**Lane 5** : Mouse cerebral cortex lysate

**Lane 6** : Mouse cerebellum lysate

**Lane 7** : Mouse hippocampus lysate

**Lane 8** : Rat brain lysate

**Lane 9** : Rat cerebral cortex lysate

**Lane 10** : Rat cerebellum lysate

**Lane 11** : Rat hippocampus lysate

Lysates/proteins at 20 µg per lane.

### Secondary

**All lanes** : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

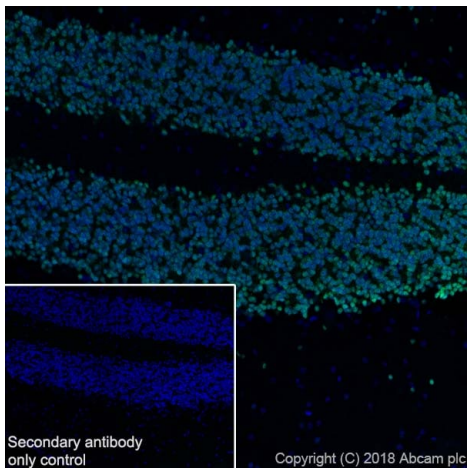
**Predicted band size:** 34 kDa

**Observed band size:** 46,48 kDa

**Exposure times:** Lanes 1-2: 3 minutes; Lane 3: 92 seconds; Lanes 4-7: 26 seconds; Lanes 8-11: 15 seconds.

**Blocking/Dilution buffer:** 5% NFDM/TBST.

The molecular weight observed is consistent with what has been described in the literature (PMID:1483388; PMID:26085943).

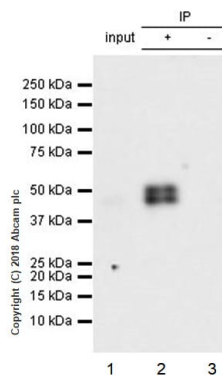


Immunohistochemistry (Frozen sections) - Anti-NeuN antibody [EPR21906] - Neuronal Marker (ab236870)

Immunohistochemical analysis of 4% paraformaldehyde-fixed, 0.2% Triton X-100 permeabilized frozen rat cerebellum tissue labeling NeuN with ab236870 at 1/100 dilution, followed by Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) ([ab150077](#)) secondary antibody at 1/1000 dilution (green). Cytoplasmic and nuclear staining in rat cerebellum (PMID:19713214).

The nuclear counter stain is DAPI (blue).

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) ([ab150077](#)) secondary antibody at 1/1000 dilution.



Immunoprecipitation - Anti-NeuN antibody [EPR21906] - Neuronal Marker (ab236870)

NeuN was immunoprecipitated from 0.35 mg human cerebellum lysate with ab236870 at 1/30 dilution. Western blot was performed from the immunoprecipitate using ab236870 at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)), was used for detection at 1/1000 dilution.

**Lane 1:** Human cerebellum lysate 10 µg (Input).

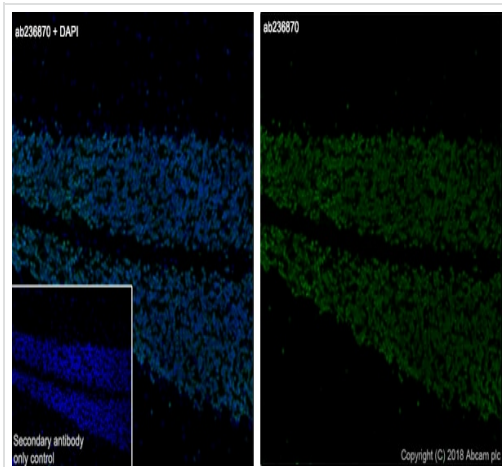
**Lane 2:** ab236870 IP in human cerebellum lysate (+).

**Lane 3:** Rabbit monoclonal IgG ([ab172730](#)) instead of ab236870 in human cerebellum lysate (-).

**Blocking/Dilution buffer:** 5% NFDm/TBST.

**Exposure time:** 30 seconds.

The molecular weight observed is consistent with what has been described in the literature (PMID:1483388; PMID:26085943).

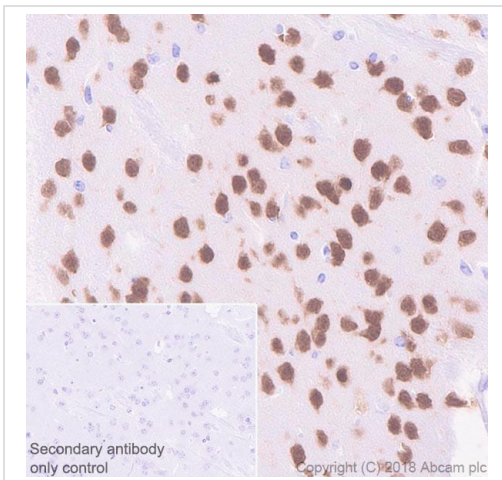


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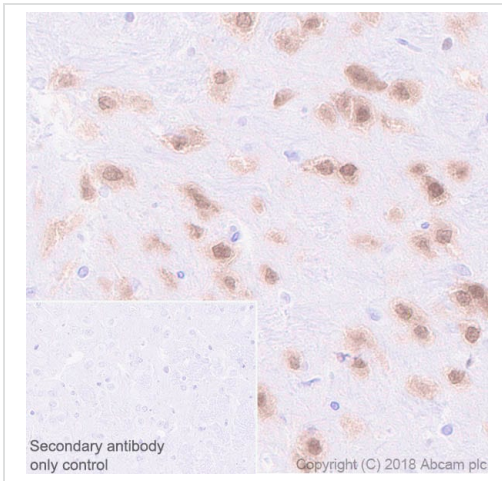
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Immunohistochemical analysis of paraffin-embedded rat cerebrum tissue labeling NeuN with ab236870 at 1/4000 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) Ready to use. Nuclear and cytoplasmic staining in neurons of rat cerebrum (PMID:8813082; PMID:1483388; PMID:26085943).

Counterstained with hematoxylin.

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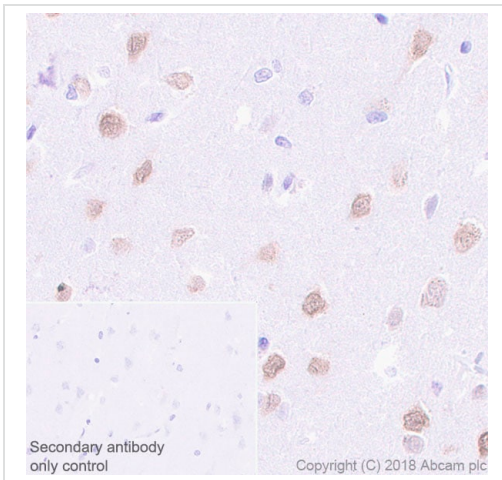


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### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-NeuN antibody [EPR21906] - Neuronal Marker  
(ab236870)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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