

# Anti-NMDAR2B (phospho S1303) antibody [EP1858Y] ab81271

**重组** RabMAb

★★★★★ **1 Abreviews** **27 References** **5 图像**

### 概述

产品名称	Anti-NMDAR2B (phospho S1303)抗体[EP1858Y]
描述	兔单克隆抗体[EP1858Y] to NMDAR2B (phospho S1303)
宿主	Rabbit
经测试应用	<b>适用于:</b> Dot blot, WB <b>不适用于:</b> IHC-P or IP
种属反应性	<b>与反应:</b> Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Human, mouse and rat brain tissue lysates.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <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> For more information <b><a href="#">see here</a></b> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <b><a href="#">RabMAb<sup>®</sup> patents</a></b> .

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EP1858Y
同种型	IgG

## 应用

## The Abpromise guarantee

**Abpromise™** 承诺保证使用ab81271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
Dot blot		1/1000.
WB	★★★★★ (1)	1/1000 - 1/5000. Predicted molecular weight: 166 kDa.

## 应用说明

Is unsuitable for IHC-P or IP.

## 靶标

## 功能

NMDA receptor subtype of glutamate-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium. Mediated by glycine.

### 组织特异性

Primarily found in the fronto-parieto-temporal cortex and hippocampus pyramidal cells, lower expression in the basal ganglia.

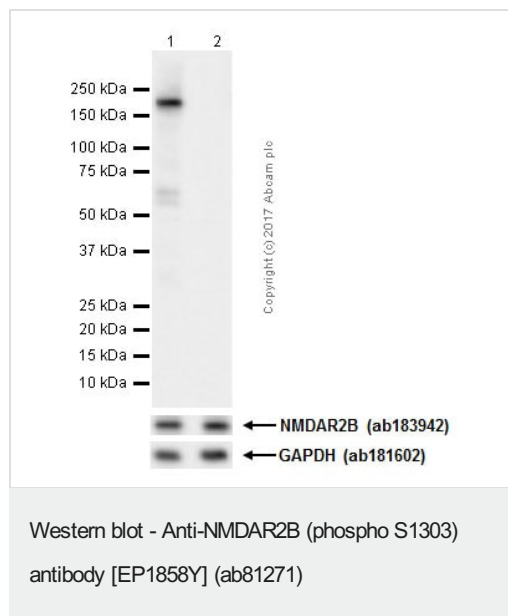
## 序列相似性

Belongs to the glutamate-gated ion channel (TC 1.A.10.1) family. NR2B/GRIN2B subfamily.

## 细胞定位

Cell membrane. Cell junction > synapse > postsynaptic cell membrane.

图片



**All lanes :** Anti-NMDAR2B (phospho S1303) antibody [EP1858Y] (ab81271) at 1/5000 dilution

**Lane 1 :** Rat brain tissue lysate

**Lane 2 :** Rat brain tissue lysate. The membrane was incubated with alkaline phosphatase.

Lysates/proteins at 10 µg per lane.

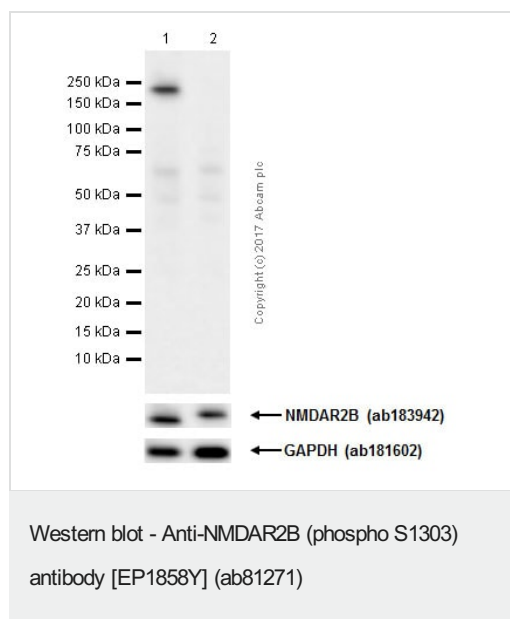
## Secondary

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

**Predicted band size:** 166 kDa

**Observed band size:** 180 kDa

Blocking and dilution buffer: 5% NFDM/TBST.



**All lanes :** Anti-NMDAR2B (phospho S1303) antibody [EP1858Y] (ab81271) at 1/5000 dilution

**Lane 1 :** Human brain tissue lysate

**Lane 2 :** Human brain tissue lysate. The membrane was incubated with alkaline phosphatase.

Lysates/proteins at 10 µg per lane.

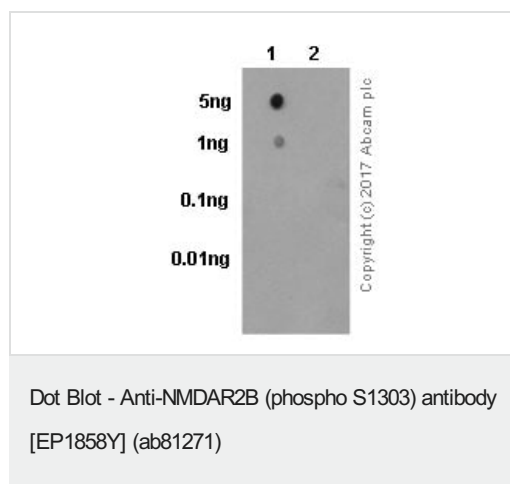
### Secondary

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

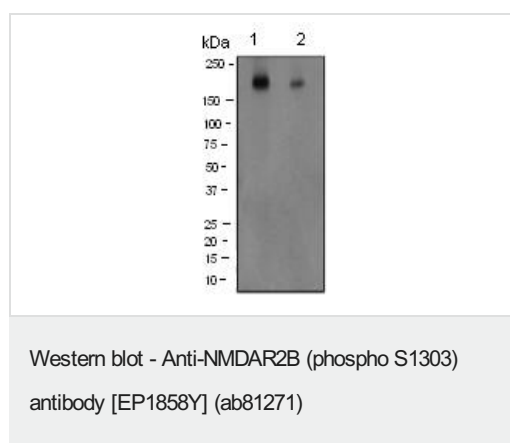
**Predicted band size:** 166 kDa

**Observed band size:** 180 kDa

Blocking and dilution buffer: 5% NFDM/TBST.



Dot blot analysis of NMDAR2B (phospho S1303) phospho peptide (Lane 1) and NMDAR2B non-phospho peptide (Lane 2) labelling NMDAR2B (phospho S1303) with ab81271 at a dilution of 1/1000. A Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (**ab97051**) was used as the secondary antibody at a dilution of 1/20,000 dilution. Blocking buffer: 5% NFDM/TBST. Dilution buffer: 5% NFDM /TBST.



**All lanes :** Anti-NMDAR2B (phospho S1303) antibody [EP1858Y] (ab81271) at 1/5000 dilution

**Lane 1 :** Mouse brain lysates (untreated)

**Lane 2 :** Mouse brain lysates (treated with AP)

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes :** Goat anti-rabbit HRP labelled IgG at 1/2000 dilution

**Predicted band size:** 166 kDa

**Observed band size:** 180 kDa

Why choose a recombinant antibody?

 <p><b>Research with confidence</b> Consistent and reproducible results</p>	 <p><b>Long-term and scalable supply</b> Recombinant technology</p>
 <p><b>Success from the first experiment</b> Confirmed specificity</p>	 <p><b>Ethical standards compliant</b> Animal-free production</p>

Anti-NMDAR2B (phospho S1303) antibody  
[EP1858Y] (ab81271)

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

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