

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

リコンビナント **RabMAb**

★★★★★ **1 Abreviews** **27 References** 画像数 5

#### 製品の概要

製品名	Anti-NMDAR2B (phospho S1303) antibody [EP1858Y]
製品の詳細	Rabbit monoclonal [EP1858Y] to NMDAR2B (phospho S1303)
由来種	Rabbit
アプリケーション	<b>適用あり:</b> Dot blot, WB <b>適用なし:</b> IHC-P or IP
種交差性	<b>交差種:</b> Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: Human, mouse and rat brain tissue lysates.
特記事項	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> .

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EP1858Y
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ab81271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。

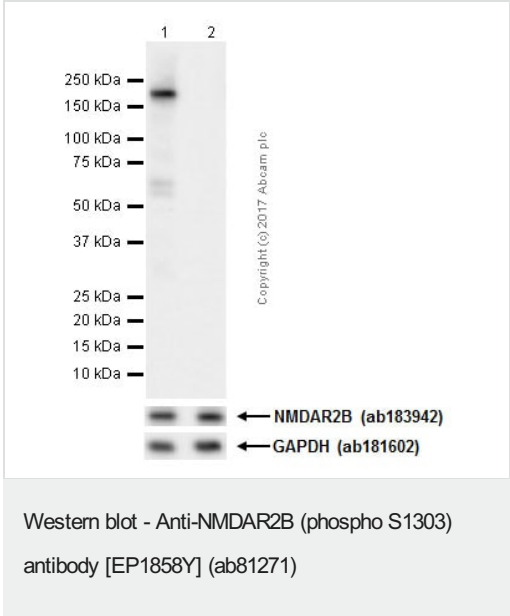
アプリケーション	Abreviews	特記事項
Dot blot		1/1000.
WB	★★★★★ (1)	1/1000 - 1/5000. Predicted molecular weight: 166 kDa.

追加情報      Is unsuitable for IHC-P or IP.

ターゲット情報

機能	NMDA receptor subtype of glutamate-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium. Mediated by glycine.
組織特異性	Primarily found in the fronto-parieto-temporal cortex and hippocampus pyramidal cells, lower expression in the basal ganglia.
配列類似性	Belongs to the glutamate-gated ion channel (TC 1.A.10.1) family. NR2B/GRIN2B subfamily.
細胞内局在	Cell membrane. Cell junction > synapse > postsynaptic cell membrane.

画像



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

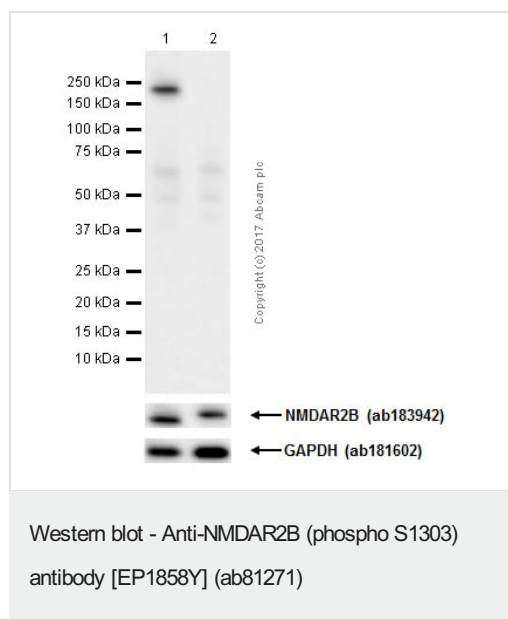
**Lane 1 :** Rat brain tissue lysate  
**Lane 2 :** Rat brain tissue lysate. The membrane was incubated with alkaline phosphatase.

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.

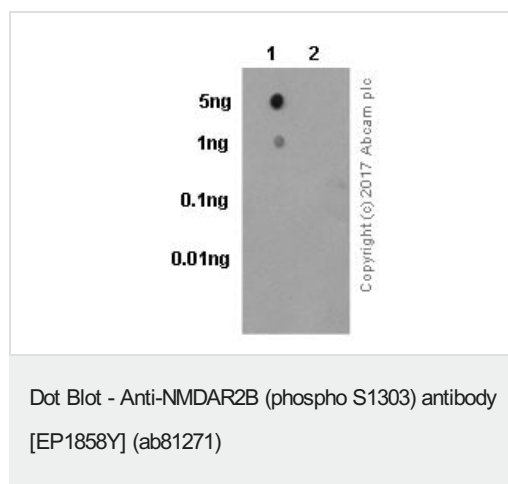
### Secondary

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

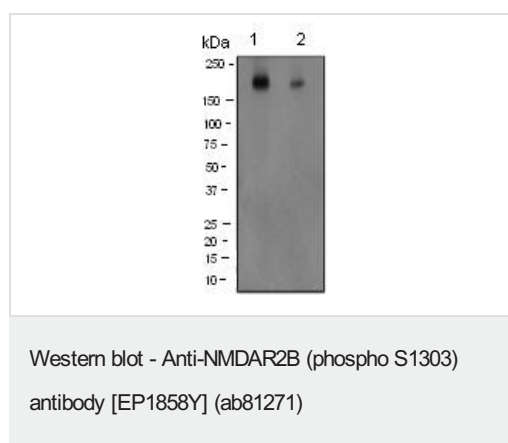
**Predicted band size:** 166 kDa

**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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