

Anti-NMDAR2B antibody [EPR19295] ab183942

重组 RabMAb

10 References **3 图像**

概述

产品名称	Anti-NMDAR2B抗体[EPR19295]
描述	兔单克隆抗体[EPR19295] to NMDAR2B
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Human hippocampus lysate; Mouse brain and hippocampus lysates; Rat brain and hippocampus lysates.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

性能

形式	Liquid
存放说明	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.
存储溶液	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR19295
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab183942于以下的经测试应用

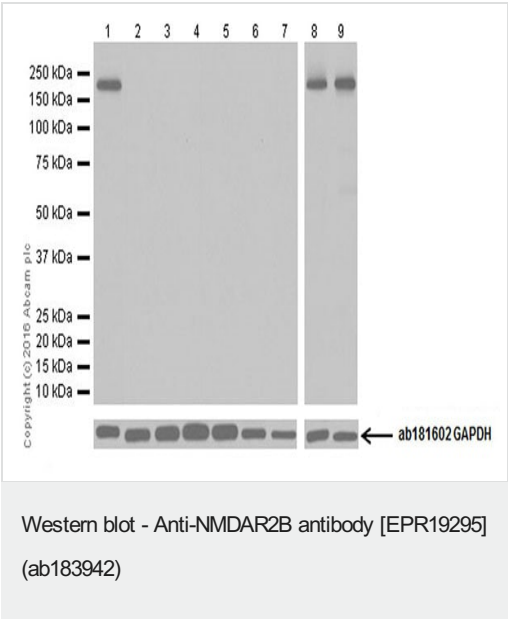
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000. Detects a band of approximately 166 kDa (predicted molecular weight: 166 kDa).

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 antibody [EPR19295] (ab183942) at 1/1000 dilution

- Lane 1 :** Human hippocampus lysate
- Lane 2 :** Human fetal liver lysate
- Lane 3 :** SH-SY5Y (Human neuroblastoma cell line from bone marrow) whole cell lysate
- Lane 4 :** Mouse liver lysate
- Lane 5 :** Mouse kidney lysate
- Lane 6 :** NIH/3T3 (Mouse embryonic fibroblast cell line) whole cell lysate
- Lane 7 :** Neuro-2a (Mouse neuroblastoma cell line) whole cell lysate
- Lane 8 :** Mouse brain lysate
- Lane 9 :** Mouse hippocampus lysate

Lysates/proteins at 20 µg per lane.

Secondary

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

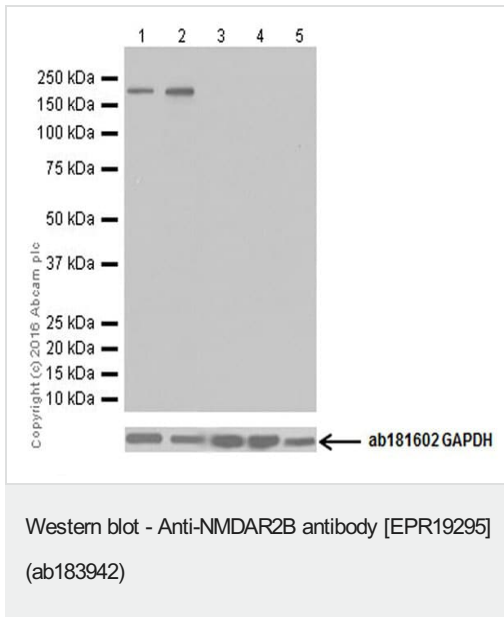
Predicted band size: 166 kDa

Observed band size: 166 kDa

Blocking/Dilution buffer: 5% NFDM/TBST.

Exposure time: Lane 1,2,3,4,5,6 and 7: 30 seconds; Lane 8 and 9: 8 seconds.

The expression profile observed is consistent with what has been described in the literature (PMID:9252405; PMID:15470155).



All lanes : Anti-NMDAR2B antibody [EPR19295] (ab183942) at 1/5000 dilution

Lane 1 : Rat brain lysate

Lane 2 : Rat hippocampus lysate

Lane 3 : Rat liver lysate

Lane 4 : C6 (Rat glial tumor cell line) whole cell lysate

Lane 5 : PC-12 (Rat adrenal gland pheochromocytoma cell line) whole cell 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: 166 kDa

Observed band size: 166 kDa

Exposure time: 8 seconds

Blocking/Dilution buffer: 5% NFDM/TBST.

The expression profile observed is consistent with what has been described in the literature (PMID:9252405; PMID:15470155).

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-NMDAR2B antibody [EPR19295] (ab183942)

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

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