

Anti-NMDAR2A antibody [EPR2465(2)] ab124913

重组 RabMAb

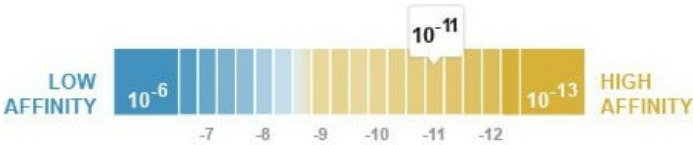
37 References 6 图像

概述

产品名称	Anti-NMDAR2A抗体[EPR2465(2)]
描述	兔单克隆抗体[EPR2465(2)] to NMDAR2A
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 within Human NMDAR2A. The exact sequence is proprietary.
阳性对照	WB: Mouse, rat and human brain tissue 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. Avoid freeze / thaw cycle.
解离常数 (K _D)	K _D = 7.10 x 10 ⁻¹¹ M



[Learn more about K_D](#)

存储溶液	<p>pH: 7.20</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 40% Glycerol, 0.05% BSA, 59% PBS</p>
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纯度	Protein A purified
克隆	单克隆
克隆编号	EPR2465(2)
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab124913于以下的经测试应用

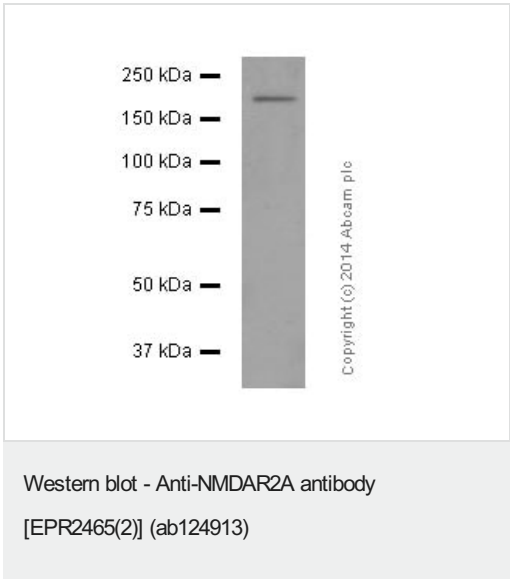
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		<p>1/1000. Predicted molecular weight: 165 kDa.</p> <p>We recommend to use 1%SDS Hot lysis prepare method to get desired Western Blot results.</p> <p>For Lysate preparation protocol, please refer to the protocol book in the protocol section and/or here (downloadable copy).</p>

靶标

功能	NMDA receptor subtype of glutamate-gated ion channels possesses high calcium permeability and voltage-dependent sensitivity to magnesium. Activation requires binding of agonist to both types of subunits.
序列相似性	Belongs to the glutamate-gated ion channel (TC 1.A.10.1) family. NR2A/GRIN2A subfamily.
细胞定位	Cell membrane. Cell junction > synapse > postsynaptic cell membrane.

图片

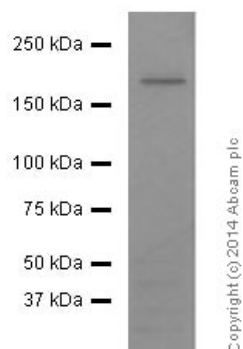


Anti-NMDAR2A antibody [EPR2465(2)] (ab124913) at 1/1000 dilution (purified) + Human cerebellum tissue lysate at 10 µg

Secondary
HRP goat anti-rabbit (H+L) at 1/1000 dilution

Predicted band size: 165 kDa
Observed band size: 165 kDa

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



Western blot - Anti-NMDAR2A antibody
[EPR2465(2)] (ab124913)

Anti-NMDAR2A antibody [EPR2465(2)] (ab124913) at 1/20000 dilution (purified) + Human fetal brain tissue lysate at 10 µg

Secondary

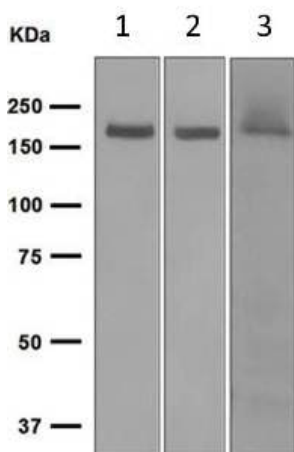
HRP goat anti-rabbit (H+L) at 1/1000 dilution

Predicted band size: 165 kDa

Observed band size: 165 kDa

Blocking buffer: 5% NFDM/TBST

Dilution buffer: 5% NFDM/TBST



Western blot - Anti-NMDAR2A antibody
[EPR2465(2)] (ab124913)

All lanes : Anti-NMDAR2A antibody [EPR2465(2)] (ab124913) at 1/1000 dilution (unpurified)

Lane 1 : Mouse brain lysate

Lane 2 : Rat brain lysate

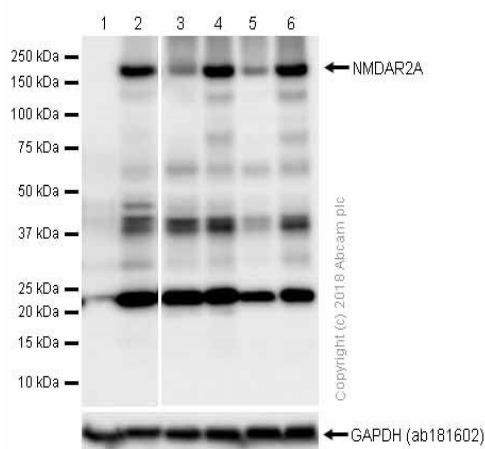
Lane 3 : Human brain lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 165 kDa



Western blot - Anti-NMDAR2A antibody
[EPR2465(2)] (ab124913)

All lanes : Anti-NMDAR2A antibody [EPR2465(2)] (ab124913) at 1/2000 dilution

Lane 1 : Human brain lysates prepared in RIPA lysis method

Lane 2 : Human brain lysates prepared in 1%SDS Hot lysis method

Lane 3 : Mouse brain lysates prepared in RIPA lysis method

Lane 4 : Mouse brain lysates prepared in 1%SDS Hot lysis method

Lane 5 : Rat brain lysates prepared in RIPA lysis method

Lane 6 : Rat brain lysates prepared in 1%SDS Hot lysis method

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

Predicted band size: 165 kDa

Observed band size: 165 kDa

Exposure time

Lanes 1 to 2: 40 seconds

Lanes 3 to 6: 20 seconds

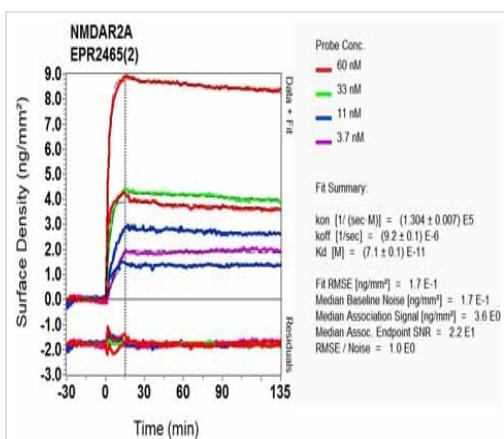
We recommend to use 1%SDS Hot lysis prepare method to get desired Western Blot results.

We are unsure how to define the extra bands.

Equilibrium disassociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)



SPR Scanning - Anti-NMDAR2A antibody
[EPR2465(2)] (ab124913)

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-NMDAR2A antibody [EPR2465(2)] (ab124913)

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