

Anti-Ionotropic glutamate receptor 2 + 3 antibody [EP929Y] ab52896

 **RabMAb**

7 References 4 图像

概述

产品名称	Anti-Ionotropic glutamate receptor 2 + 3抗体[EP929Y]
描述	兔单克隆抗体[EP929Y] to Ionotropic glutamate receptor 2 + 3
宿主	Rabbit
特异性	This antibody detects both GluR2 phosphorylated on Serine 880 + GluR3 phosphorylated on Serine 891 of the mature human, and also unphosphorylated GluR2 + 3.
经测试应用	适用于: WB 不适用于: Flow Cyt, ICC/IF or IHC-P
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 brain and fetal tissue lysates and 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"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

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. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified

克隆	单克隆
克隆编号	EP929Y
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab52896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		1/2000 - 1/5000. Detects a band of approximately 98 kDa (predicted molecular weight: 98 kDa).

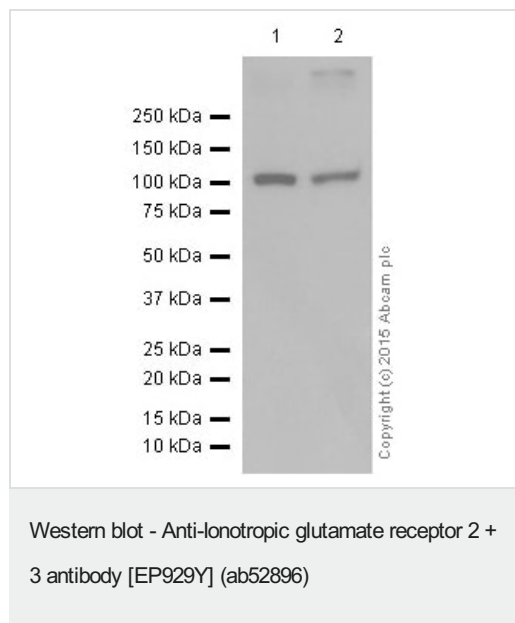
应用说明 Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

靶标

相关性 Ion channels activated by glutamate are typically divided into two classes. Those sensitive to N-methyl-D-aspartate (NMDA) are designated NMDA receptors (NMDAR) while those activated by α-amino-3-hydroxy-5-methyl-4-isoxalone propionic acid (AMPA) are known as AMPA receptors (AMPA). AMPAR are comprised of four distinct Glutamate Receptor Subunits (GluR1-4) and they play key roles in almost all excitatory neurotransmission in the brain. The GluR2 subunit is widely expressed throughout the nervous system where it is thought to play key roles in synaptic plasticity and learning and memory.

细胞定位 Cell Membrane; multi-pass membrane protein.

图片



All lanes : Anti-Ionotropic glutamate receptor 2 + 3 antibody
[EP929Y] (ab52896) at 1/10000 dilution (purified)

Lane 1 : Mouse brain tissue lysate

Lane 2 : Rat brain tissue lysate

Lysates/proteins at 20 μ g per lane.

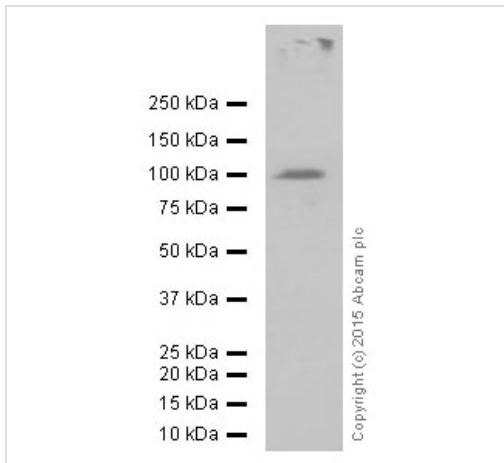
Secondary

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

Predicted band size: 98 kDa

Observed band size: 100 kDa

Blocking and dilution buffer: 5% NFDM /TBST.



Western blot - Anti-Ionotropic glutamate receptor 2 + 3 antibody [EP929Y] (ab52896)

Anti-Ionotropic glutamate receptor 2 + 3 antibody [EP929Y] (ab52896) at 1/2000 dilution (purified) + Human fetal brain tissue lysate at 10 μ g

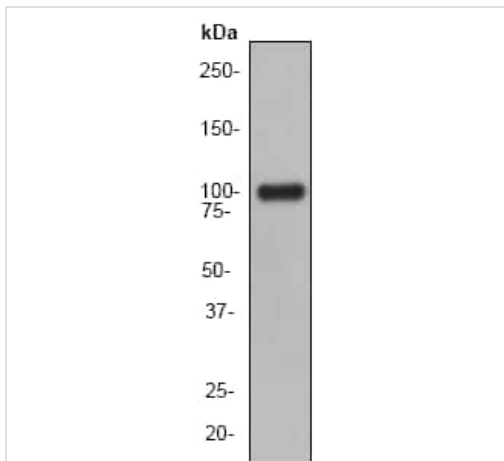
Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 98 kDa

Observed band size: 100 kDa

Blocking and dilution buffer: 5% NFDM /TBST.



Western blot - Anti-Ionotropic glutamate receptor 2 + 3 antibody [EP929Y] (ab52896)

Anti-Ionotropic glutamate receptor 2 + 3 antibody [EP929Y] (ab52896) at 1/5000 dilution (unpurified) + Human brain tissue lysate at 10 μ g

Secondary

HRP-conjugated goat anti-rabbit IgG at 1/2000 dilution

Predicted band size: 98 kDa

Observed band size: 98 kDa

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-Ionotropic glutamate receptor 2 + 3 antibody
[EP929Y] (ab52896)

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

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