

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

リコンビナント RabMAb

7 References [画像数 4](#)

製品の概要

製品名	Anti-Ionotropic glutamate receptor 2 + 3 antibody [EP929Y]
製品の詳細	Rabbit monoclonal [EP929Y] to Ionotropic glutamate receptor 2 + 3
由来種	Rabbit
特異性	This antibody detects both GluR2 phosphorylated on Serine 880 + GluR3 phosphorylated on Serine 891 of the mature human, and also unphosphorylated GluR2 + 3.
アプリケーション	適用あり: WB 適用なし: Flow Cyt, ICC/IF or IHC-P
種交差性	交差種: 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 brain and fetal tissue lysates and 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">- 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 .

製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A purified

ポリクローナル	モノクローナル
クローン名	EP929Y
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ab52896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
WB		1/2000 - 1/5000. Detects a band of approximately 98 kDa (predicted molecular weight: 98 kDa).

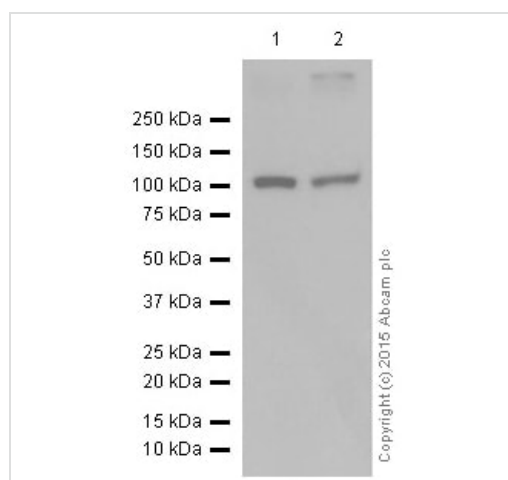
追加情報 Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

ターゲット情報

関連性 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.

細胞内局在 Cell Membrane; multi-pass membrane protein.

画像



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

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.

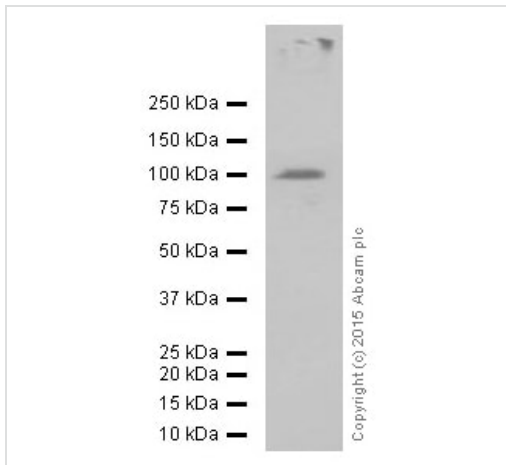
Secondary

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

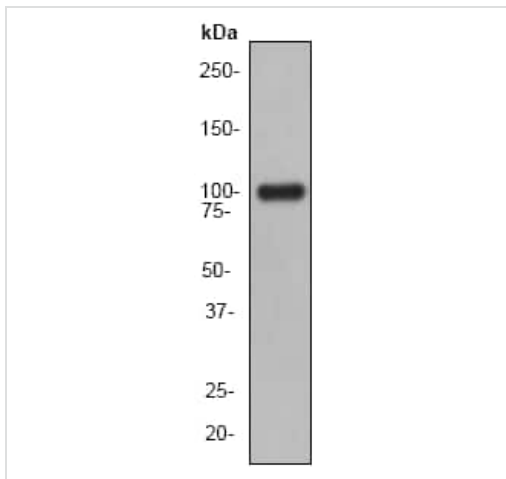
Secondary

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)

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