

Anti-Ionotropic Glutamate receptor 2 antibody [EP966Y] ab52932

リコンビナント RabMAb

★★★★★ **1 Abreviews** **9 References** **画像数 3**

製品の概要

製品名	Anti-Ionotropic Glutamate receptor 2 antibody [EP966Y]
製品の詳細	Rabbit monoclonal [EP966Y] to Ionotropic Glutamate receptor 2
由来種	Rabbit
アプリケーション	適用あり: WB 適用なし: ICC/IF, IHC-Fr or IHC-P
種交差性	交差種: Mouse, Rat, Human
免疫原	Synthetic peptide within Human Ionotropic Glutamate receptor 2 aa 1-100 (N terminal). The exact sequence is proprietary.
ポジティブ・コントロール	WB: Human brain cell lysate. Human, mouse and rat brain lysate.
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 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	EP966Y
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ab52932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。

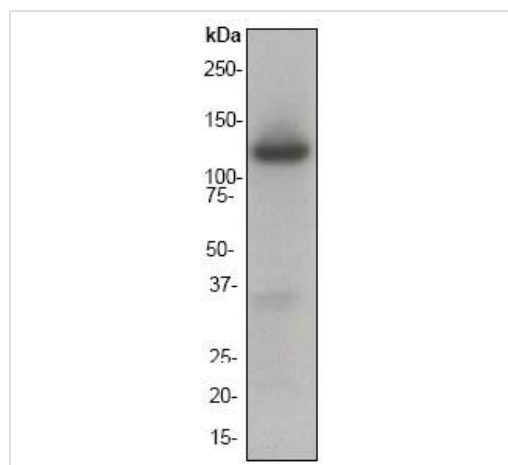
アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	1/2000. Detects a band of approximately 110 kDa (predicted molecular weight: 99 kDa).

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

ターゲット情報

機能	Ionotropic glutamate receptor. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. Binding of the excitatory neurotransmitter L-glutamate induces a conformation change, leading to the opening of the cation channel, and thereby converts the chemical signal to an electrical impulse. The receptor then desensitizes rapidly and enters a transient inactive state, characterized by the presence of bound agonist. In the presence of CACNG4 or CACNG7 or CACNG8, shows resensitization which is characterized by a delayed accumulation of current flux upon continued application of glutamate.
配列類似性	Belongs to the glutamate-gated ion channel (TC 1.A.10.1) family. GRIA2 subfamily.
翻訳後修飾	Palmitoylated. Depalmitoylated upon glutamate stimulation. Cys-610 palmitoylation leads to Golgi retention and decreased cell surface expression. In contrast, Cys-836 palmitoylation does not affect cell surface expression but regulates stimulation-dependent endocytosis.
細胞内局在	Cell membrane. Endoplasmic reticulum membrane. Cell junction > synapse > postsynaptic cell membrane. Interaction with CACNG2, CNIH2 and CNIH3 promotes cell surface expression.

画像



Anti-Ionotropic Glutamate receptor 2 antibody [EP966Y] (ab52932)
at 1/2000 dilution + Human brain cell lysate at 10 µg

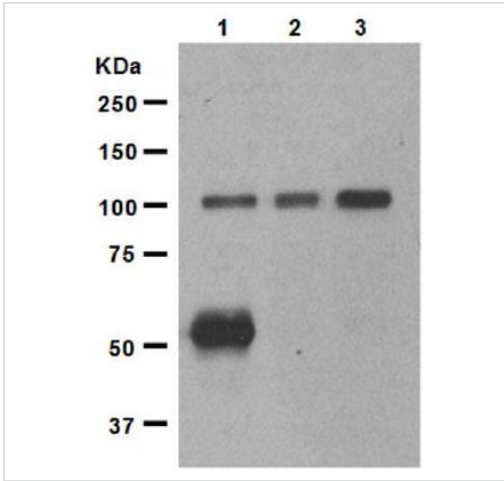
Secondary

Goat anti-Rabbit HRP labeled at 1/2000 dilution

Predicted band size: 99 kDa

Observed band size: 110 kDa

Western blot - Anti-Ionotropic Glutamate receptor 2
antibody [EP966Y] (ab52932)



Western blot - Anti-Ionotropic Glutamate receptor 2 antibody [EP966Y] (ab52932)

All lanes : Anti-Ionotropic Glutamate receptor 2 antibody [EP966Y] (ab52932) at 1/500 dilution

Lane 1 : Human brain

Lane 2 : Rat brain

Lane 3 : Mouse brain

Predicted band size: 99 kDa

Secondary antibody - anti-rabbit HRP (ab6721)

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 antibody [EP966Y] (ab52932)

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

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