

Anti-Ionotropic Glutamate receptor 2 antibody [EP966Y] ab52932

重组 RabMAb

★★★★★ **1 Abreviews** **9 References** **3 图像**

概述

产品名称	Anti-Ionotropic Glutamate receptor 2抗体[EP966Y]
描述	兔单克隆抗体[EP966Y] to Ionotropic Glutamate receptor 2
宿主	Rabbit
经测试应用	适用于: WB 不适用于: ICC/IF, IHC-Fr or IHC-P
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide within Human Ionotropic Glutamate receptor 2 aa 1-100 (N terminal). The exact sequence is proprietary.
阳性对照	WB: Human brain cell lysate. Human, mouse and rat brain lysate.
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EP966Y
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab52932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。

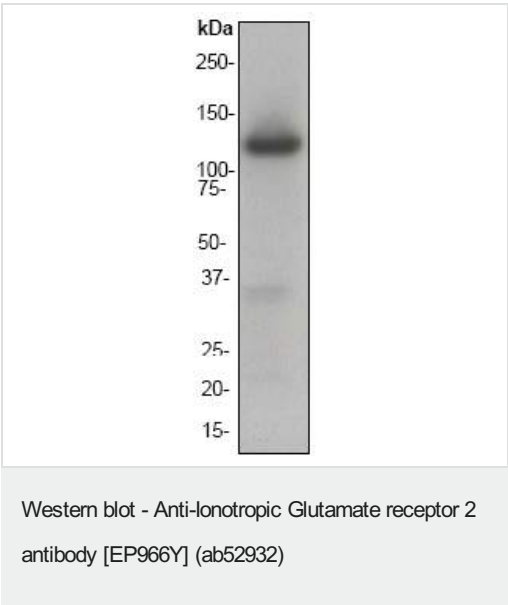
应用	Ab评论	说明
WB	★★★★★ (1)	1/2000. Detects a band of approximately 110 kDa (predicted molecular weight: 99 kDa).

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

靶标

功能	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.
序列相似性	Belongs to the glutamate-gated ion channel (TC 1.A.10.1) family. GRIA2 subfamily.
翻译后修饰	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.
细胞定位	Cell membrane. Endoplasmic reticulum membrane. Cell junction > synapse > postsynaptic cell membrane. Interaction with CACNG2, CNIH2 and CNIH3 promotes cell surface expression.

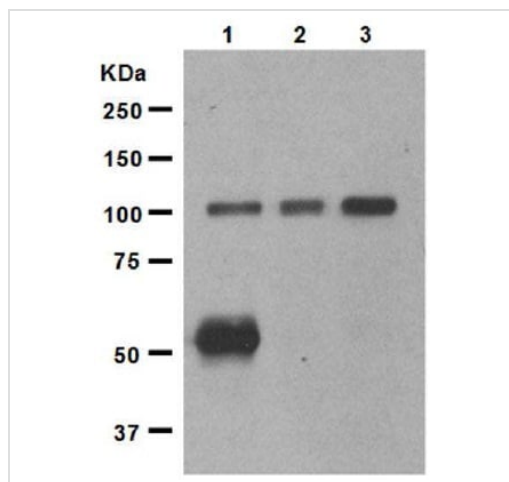
图片



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)

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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