

Anti-GluA4 (phospho S862) antibody ab61054

1 图像

概述

产品名称	Anti-GluA4 (phospho S862)抗体
描述	兔多克隆抗体to GluA4 (phospho S862)
宿主	Rabbit
特异性	Detects target only when phosphorylated at serine 862.
经测试应用	适用于: WB
种属反应性	与反应: Human 预测可用于: Mouse 
免疫原	Synthetic peptide corresponding to Human GluA4 (phospho S862). Sequence: (R-L-SP-I-T)

 [Run BLAST with](#)

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常规说明

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride
	Without Mg ²⁺ and Ca ²⁺
纯度	Immunogen affinity purified
纯化说明	The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

克隆 多克隆
同种型 IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用ab61054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		1/500 - 1/1000. Detects a band of approximately 102 kDa (predicted molecular weight: 102 kDa).

靶标

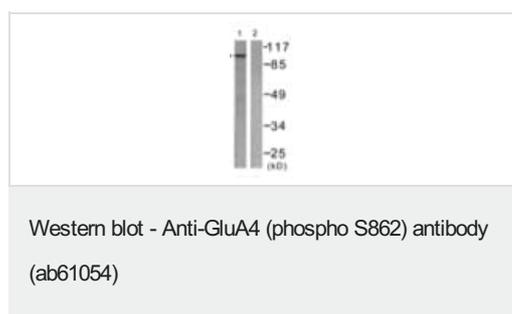
功能 Ionotropic glutamate receptor. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. Binding of the excitatory neurotransmitter L-glutamate induces a conformation change, leading to the opening of the cation channel, and thereby converts the chemical signal to an electrical impulse. The receptor then desensitizes rapidly and enters a transient inactive state, characterized by the presence of bound agonist.

序列相似性 Belongs to the glutamate-gated ion channel (TC 1.A.10.1) family. GRIA4 subfamily.

翻译后修饰 Palmitoylated. Depalmitoylated upon glutamate stimulation. Cys-611 palmitoylation leads to Golgi retention and decreased cell surface expression. In contrast, Cys-837 palmitoylation does not affect cell surface expression but regulates stimulation-dependent endocytosis.

细胞定位 Cell membrane. Cell junction > synapse > postsynaptic cell membrane.

图片



All lanes : Anti-GluA4 (phospho S862) antibody (ab61054) at 1/500 dilution

Lane 1 : extracts from HepG2 cells treated with Forskolin (40nM, 30mins)

Lane 2 : extracts from HepG2 cells treated with Forskolin (40nM, 30mins) with immunizing phosphopeptide

Predicted band size: 102 kDa

Observed band size: 102 kDa

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

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