




Anti-Glutamate Receptor 1 (AMPA subtype) antibody ab116616

画像数 1

製品の概要

製品名	Anti-Glutamate Receptor 1 (AMPA subtype) antibody
製品の詳細	Goat polyclonal to Glutamate Receptor 1 (AMPA subtype)
由来種	Goat
特異性	ab116616 is expected to recognize both reported isoforms (NP_000818.2; NP_001107655.1).
アプリケーション	適用あり: WB
種交差性	交差種: Human 交差が予測される動物種: Cow, Dog 
免疫原	Synthetic peptide: KIMQWKNSDARD with a Cysteine residue linker, corresponding to internal sequence amino acids 265-277 of Human Glutamate Receptor 1 (AMPA subtype) (NP_000818.2; NP_001107655.1). <div>  Run BLAST with  Run BLAST with </div>
ポジティブ・コントロール	Human, Mouse and Rat brain cerebellum lysates.
特記事項	<p>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.</p> <p>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</p>

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 repeated freeze / thaw cycles.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA
精製度	Immunogen affinity purified
特記事項 (精製)	ab116616 is purified from Goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

ポリ/モノ ポリクローナル
アイソタイプ IgG

アプリケーション

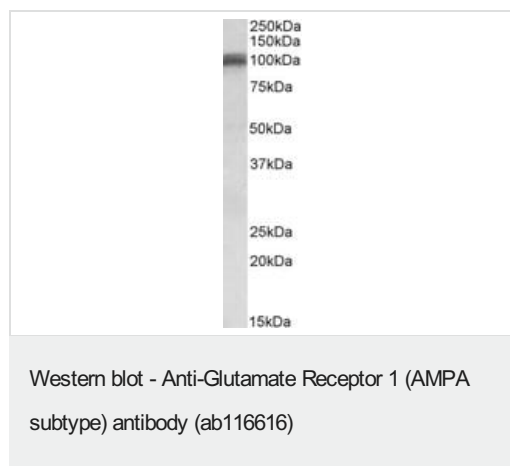
The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab116616の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 0.1 - 0.3 µg/ml. Detects a band of approximately 100 kDa (predicted molecular weight: 102 kDa). 1 hour primary incubation is recommended for this product.

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.
組織特異性	Widely expressed in brain.
配列類似性	Belongs to the glutamate-gated ion channel (TC 1.A.10.1) family. GRIA1 subfamily.
翻訳後修飾	Palmitoylated. Depalmitoylated upon glutamate stimulation. Cys-603 palmitoylation leads to Golgi retention and decreased cell surface expression. In contrast, Cys-829 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 promotes cell surface expression.

画像



Anti-Glutamate Receptor 1 (AMPA subtype) antibody (ab116616)
at 0.1 µg/ml + Human Cerebellum lysate (in RIPA buffer) at 35 µg

Developed using the ECL technique.

Predicted band size: 102 kDa

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