




Anti-GluA4 antibody ab115322

3 References [画像数 2](#)

製品の概要

製品名	Anti-GluA4 antibody
製品の詳細	Goat polyclonal to GluA4
由来種	Goat
アプリケーション	適用あり: WB, IHC-P
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat, Horse, Chicken, Cow, Dog, Chimpanzee, Rhesus monkey 
免疫原	Synthetic peptide corresponding to Human GluA4 aa 250-350 (internal sequence). (NP_000820.3; NP_001070711.1; NP_001070712.1)  Run BLAST with ExPASy  Run BLAST with NCBI
ポジティブ・コントロール	Human Brain, Cortex; Human Cerebellum lysate
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
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
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

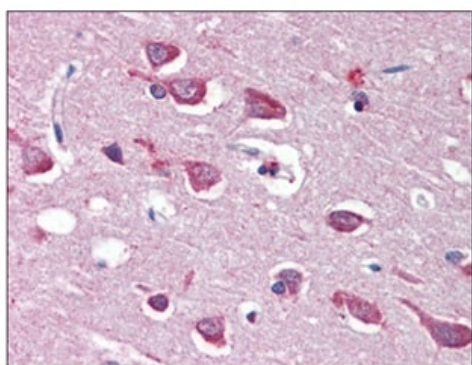
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab115322の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 0.3 - 1 µg/ml. Detects a band of approximately 90 kDa (predicted molecular weight: 101 kDa).
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

ターゲット情報

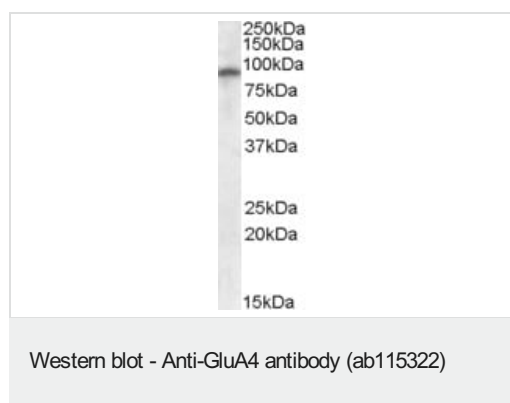
機能	Ionotropic glutamate receptor. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. Binding of the excitatory neurotransmitter L-glutamate induces a conformation change, leading to the opening of the cation channel, and thereby converts the chemical signal to an electrical impulse. The receptor then desensitizes rapidly and enters a transient inactive state, characterized by the presence of bound agonist.
配列類似性	Belongs to the glutamate-gated ion channel (TC 1.A.10.1) family. GRIA4 subfamily.
翻訳後修飾	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.
細胞内局在	Cell membrane. Cell junction > synapse > postsynaptic cell membrane.

画像



Human Brain, Cortex (formalin-fixed, paraffin-embedded) stained with ab115322 at 5 µg/ml, followed by biotinylated anti-goat IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GluA4 antibody (ab115322)



Anti-GluA4 antibody (ab115322) at 0.3 µg/ml (incubated for 1 hour)
+ Human Cerebellum lysate in RIPA buffer at 35 µg

Developed using the ECL technique.

Predicted band size: 101 kDa

Observed band size: 90 kDa

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