

Anti-Ionotropic Glutamate receptor 2 (phospho S880) antibody ab52180

17 References [画像数 2](#)

製品の概要

製品名	Anti-Ionotropic Glutamate receptor 2 (phospho S880) antibody
製品の詳細	Rabbit polyclonal to Ionotropic Glutamate receptor 2 (phospho S880)
由来種	Rabbit
特異性	Detects endogenous levels of Glutamate receptor 2 only when phosphorylated at serine 880.
アプリケーション	適用あり: IHC-P, WB
種交差性	交差種: Mouse, Human
免疫原	Synthetic peptide corresponding to Human Ionotropic Glutamate receptor 2 aa 800-900 (phospho S880). Database link: P42262

特記事項

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

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: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

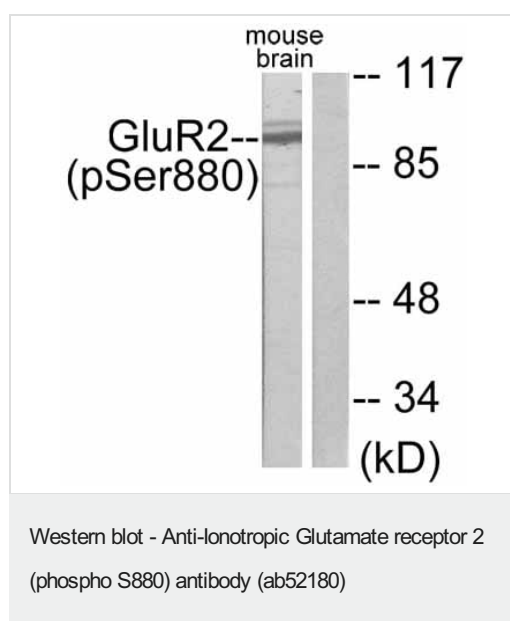
The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab52180の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration.
WB		1/500 - 1/1000. Detects a band of approximately 99 kDa (predicted molecular weight: 99 kDa).

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

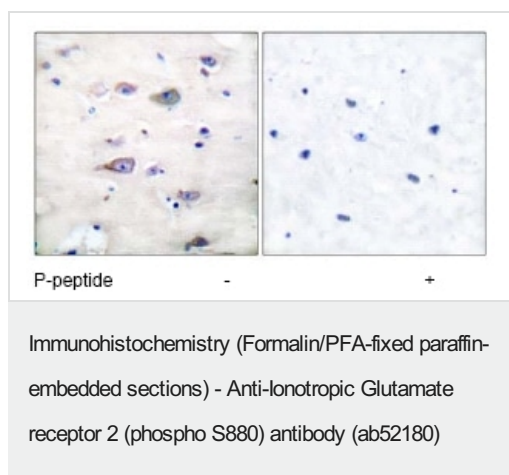


All lanes : Anti-Ionotropic Glutamate receptor 2 (phospho S880) antibody (ab52180) at 1/500 dilution

Lane 1 : extracts from mouse brain

Lane 2 : extracts from mouse brain with blocking phosphopeptide

Predicted band size: 99 kDa



Ab52180 at 1/50 dilution staining Human brain tissue, with and without blocking peptide; paraffin embedded.

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