


Anti-GABA B Receptor 2/GABBR2 (phospho S783) antibody ab72447

★★★★★ [1 Abreviews](#) [画像数 1](#)

製品の概要

製品名	Anti-GABA B Receptor 2/GABBR2 (phospho S783) antibody
製品の詳細	Rabbit polyclonal to GABA B Receptor 2/GABBR2 (phospho S783)
由来種	Rabbit
アプリケーション	適用あり: WB
種交差性	交差種: Rat 交差が予測される動物種: Mouse, Chicken, Cow, Human, Xenopus laevis, Non human primates 
免疫原	Synthetic peptide corresponding to Rat GABA B Receptor 2/GABBR2 (phospho S783) conjugated to keyhole limpet haemocyanin.
ポジティブ・コントロール	rat synaptic membrane
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 freeze / thaw cycles.
バッファー	pH: 7.50 Constituents: 0.87% Sodium chloride, 0.238% HEPES, 0.01% BSA, 50% Glycerol
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ab72447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		1/1000. Detects a band of approximately 106 kDa (predicted molecular weight: 106 kDa).

ターゲット情報

機能

Receptor for GABA. The activity of this receptor is mediated by G-proteins that inhibit adenylyl cyclase activity, stimulates phospholipase A2, activates potassium channels, inactivates voltage-dependent calcium-channels and modulates inositol phospholipids hydrolysis. Plays a critical role in the fine-tuning of inhibitory synaptic transmission. Pre-synaptic GABA-B-R inhibit neurotransmitter release by down-regulating high-voltage activated calcium channels, whereas postsynaptic GABA-B-R decrease neuronal excitability by activating a prominent inwardly rectifying potassium (Kir) conductance that underlies the late inhibitory postsynaptic potentials. Not only implicated in synaptic inhibition but also in hippocampal long-term potentiation, slow wave sleep, muscle relaxation and antinociception.

組織特異性

Highly expressed in brain, especially in cerebral cortex, thalamus, hippocampus, frontal, occipital and temporal lobe, occipital pole and cerebellum, followed by corpus callosum, caudate nucleus, spinal cord, amygdala and medulla. Weakly expressed in heart, testis and skeletal muscle.

配列類似性

Belongs to the G-protein coupled receptor 3 family. GABA-B receptor subfamily.

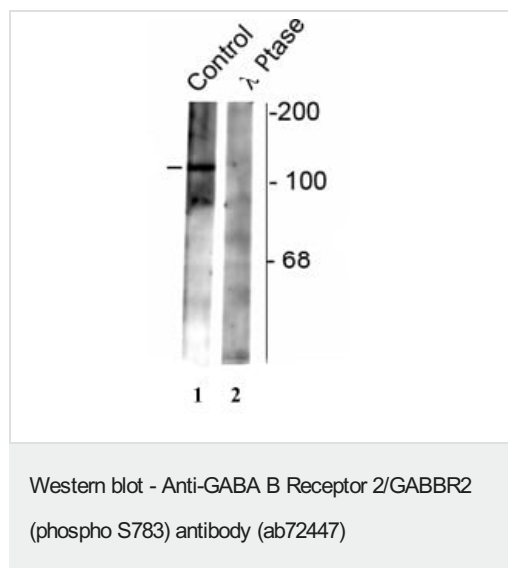
ドメイン

Alpha-helical parts of the C-terminal intracellular region mediate heterodimeric interaction with GABA-B receptor 1.

細胞内局在

Cell membrane. Cell junction > synapse > postsynaptic cell membrane. Moreover coexpression of GABA-B-R1 and GABA-B-R2 appears to be a prerequisite for maturation and transport of GABA-B-R1 to the plasma membrane.

画像



All lanes : Anti-GABA B Receptor 2/GABBR2 (phospho S783) antibody (ab72447) at 1/1000 dilution

Lane 1 : rat synaptic membrane

Lane 2 : rat synaptic membrane pre-incubated in lambda-Phosphatase (1200 units for 30 min)

Predicted band size: 106 kDa

Observed band size: 106 kDa

The immunolabeling is completely eliminated by treatment with lambda Ptase.

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

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