

Anti-GABA B Receptor 2/GABBR2 antibody ab52248

★★★★★ [1 Abreviews](#) [8 References](#) [画像数 2](#)

製品の概要

製品名	Anti-GABA B Receptor 2/GABBR2 antibody
製品の詳細	Rabbit polyclonal to GABA B Receptor 2/GABBR2
由来種	Rabbit
アプリケーション	適用あり: IHC-FoFr, WB
種交差性	交差種: Rat, Human
免疫原	Synthetic peptide corresponding to Human GABA B Receptor 2/GABBR2.
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 -20°C. Stable for 12 months at -20°C.
バッファー	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride</p>
精製度	Without Mg+2 and Ca+2
ポリ/モノ	Immunogen affinity purified
アイソタイプ	ポリクローナル
	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ab52248の使用に適用されます

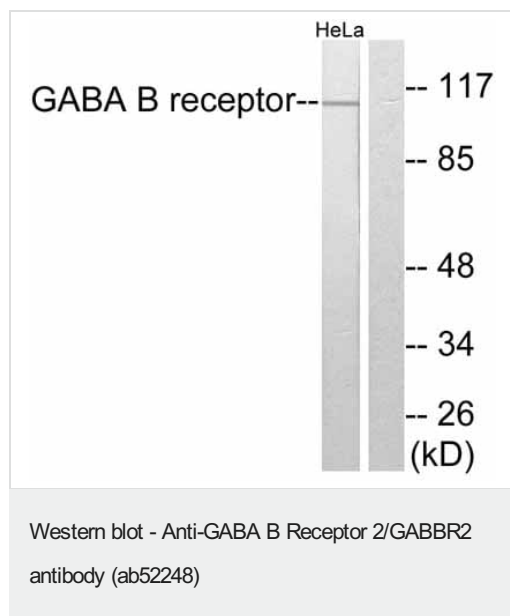
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
IHC-FoFr	★★★★★ (1)	Use at an assay dependent concentration.
WB		1/300 - 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



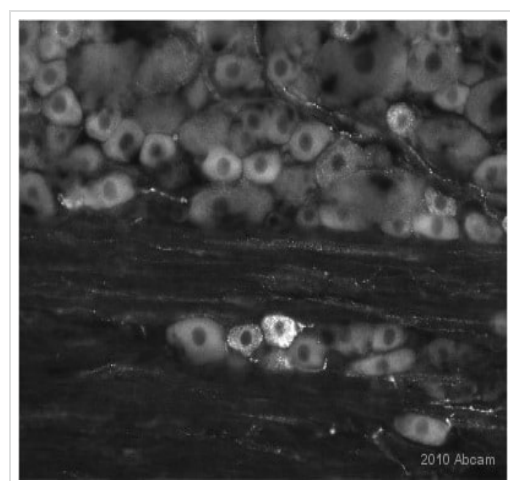
All lanes : Anti-GABA B Receptor 2/GABBR2 antibody (ab52248) at 1/300 dilution

Lane 1 : HeLa cell extract; without peptide

Lane 2 : HeLa cell extract; with peptide

Predicted band size: 106 kDa

Observed band size: 106 kDa



Immunohistochemical detection of GABA B Receptor 2/GABBR2 antibody (ab52248) in PFA fixed Rat Dorsal root ganglion sections. ab52248 was used at 1/300 and incubated for 60 hours @ 4°C in PBS-T 0.3%. Secondary antibody: anti IgG Rabbit Conjugation: Alexa Fluor® 488 (1/1000).

Immunohistochemistry (PFA perfusion fixed frozen sections) - Anti-GABA B Receptor 2/GABBR2 antibody (ab52248)

This image is courtesy of Karine Thibault, CNRS, Paris, France

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