Product name: Anti-GABA A Receptor alpha 2/GABRA2 antibody

Description: Rabbit polyclonal to GABA A Receptor alpha 2/GABRA2

Host species: Rabbit

Tested applications: Suitable for: WB

Species reactivity: Reacts with: Human

Predicted to work with: Mouse, Rat, Cow, Xenopus laevis

Immunogen: Recombinant fragment corresponding to Human GABA A Receptor alpha 2/GABRA2 aa 1-330. Database link: P47869

Positive control: NT2D1 cell lysate.

General notes: 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

Properties

Form: Liquid

Storage instructions: Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Storage buffer: pH: 7.00
Preservative: 0.01% Thimerosal (merthiolate)
Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)

Purity: Immunogen affinity purified

Clonality: Polyclonal

Isotype: IgG
The Abpromise guarantee

Our Abpromise guarantee covers the use of ab153980 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
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<th>Application</th>
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<tr>
<td>WB</td>
<td>⭐⭐⭐⭐⭐ (1)</td>
<td>1/500 - 1/3000. Predicted molecular weight: 51 kDa.</td>
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Target

Function

GABA, the major inhibitory neurotransmitter in the vertebrate brain, mediates neuronal inhibition by binding to the GABA/benzodiazepine receptor and opening an integral chloride channel.

Sequence similarities

Belongs to the ligand-gated ion channel (TC 1.A.9) family. Gamma-aminobutyric acid receptor (TC 1.A.9.5) subfamily. GABRA2 sub-subfamily.

Cellular localization


Images

Anti-GABA A Receptor alpha 2/GABRA2 antibody (ab153980) at 1/1000 dilution + NT2D1 whole cell lysate at 30 µg

Predicted band size: 51 kDa

10% SDS PAGE

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

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