Anti-BOTOX antibody ab20641

Overview

Product name: Anti-BOTOX antibody
Description: Rabbit polyclonal to BOTOX
Host species: Rabbit
Specificity: Clostridium botulinum Type A Neurotoxin.
Tested applications: Suitable for: ELISA, WB
Species reactivity: Reacts with: Species independent
Immunogen: Full length protein corresponding to BOTOX.

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 and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer: Constituents: 2.68% PBS, 20% Glycerol (glycerin, glycerine)
Purity: Protein G purified
Clonality: Polyclonal
Isotype: IgG

Applications

The Abpromise guarantee: Our Abpromise guarantee covers the use of ab20641 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
Clostridium botulinum neurotoxins are zinc-dependent proteases that block the release of acetylcholine from peripheral cholinergic nerve endings by targeting specific membrane proteins including synaptosomal-associated proteins (SNAP), vesicle-associated membrane proteins (VAMP), and syntaxins. Neurotoxin A is characteristically associated with human botulism and known to target and hydrolyse the 197-Gln→Arg-198 bond of SNAP-25.

**Application**

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<th>Abreviews</th>
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<td>ELISA</td>
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<td>WB</td>
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<td>Use at an assay dependent dilution. Predicted molecular weight: 149 kDa.</td>
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**Target**

**Relevance**

Clostridium botulinum neurotoxins are zinc-dependent proteases that block the release of acetylcholine from peripheral cholinergic nerve endings by targeting specific membrane proteins including synaptosomal-associated proteins (SNAP), vesicle-associated membrane proteins (VAMP), and syntaxins. Neurotoxin A is characteristically associated with human botulism and known to target and hydrolyse the 197-Gln→Arg-198 bond of SNAP-25.

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

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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
- We investigate all quality concerns to ensure our products perform to the highest standards

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](https://www.abcam.com/abpromise) or contact our technical team.

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