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
Immunogen: Full length protein corresponding to BOTOX.
General notes: Previously labelled as Clostridium botulinum A Toxoid.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer: pH: 7.20
Constituents: 2.68% PBS, 20% Glycerol
Purity: Protein G purified
Clonality: Polyclonal
Isotype: IgG

Applications

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.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELISA</td>
<td></td>
<td>1/10000.</td>
</tr>
<tr>
<td>WB</td>
<td>★★★★★</td>
<td>Use at an assay dependent dilution. Predicted molecular weight: 149 kDa.</td>
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</table>

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.

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