Product datasheet

Anti-Clostridium botulinum A Toxoid antibody ab20641

Overview

Product name
Anti-Clostridium botulinum A Toxoid antibody

Description
Rabbit polyclonal to Clostridium botulinum A Toxoid

Host species
Rabbit

Specificity
Clostridium botulinum Type A Neurotoxin.

Tested applications
Suitable for: ELISA, WB

Immunogen
Formaldehyde inactivated Type A Neurotoxin (C. botulinum).

Properties

Form
Liquid

Storage instructions
Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

Storage buffer
Preservative: None
Constituents: 20% Glycerol, 0.1M PBS, pH 7.2

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>1/10000.</td>
<td></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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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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