Overview

Product name
Anti-Diphtheria Toxin antibody

Description
Rabbit polyclonal to Diphtheria Toxin

Host species
Rabbit

Specificity
Reacts with Diphtheria Toxin as well as its CRM197 mutant toxin.

Tested applications
Suitable for: WB, IP, ELISA, Dot blot

Species reactivity
Reacts with: Other species

Immunogen
Purified non-toxic mutant Diphtheria Toxin CRM 197.

General notes
For a recombinant antibody to Diphtheria Toxin, please see - ab209329.

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
Constituent: 100% Whole serum

Purity
Whole antiserum

Clonality
Polyclonal

Isotype
IgG

Applications

Our Abpromise guarantee covers the use of ab151222 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>
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<tbody>
<tr>
<td>WB</td>
<td></td>
<td>1/2000. Can detect 1 ng or less of the toxin</td>
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<tr>
<td>IP</td>
<td></td>
<td>1/200 - 1/1000.</td>
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<tr>
<td>ELISA</td>
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<td>1/2000 - 1/7000.</td>
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**Relevance**

*Corynebacterium diphtheriae* is a gram-positive, nonmotile bacteria found in soil and animal feces. C. diphtheriae infect the epithelial cells of the upper respiratory tract from where they produce and secrete a potent toxin. This toxin is absorbed and disseminated through lymph channels and blood to the susceptible tissues of the body.

**Cellular localization**

Secreted

**Images**

**Western blot** - Anti-Diphtheria Toxin antibody (ab151222)

- **All lanes**: Anti-Diphtheria Toxin antibody (ab151222) at 1/2000 dilution
- **Lane 1**: Crude culture medium of Corynebacterium Diphtheria.
- **Lane 2**: The two-fold diluted culture medium.
- **Lane 3**: Purified CRM197 (10ng)
- **Lane 4**: Purified Diphtheria toxin (200ng)

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

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