Product datasheet

Anti-Bacillus anthracis protective antigen antibody
ab13808

Overview

Product name: Anti-Bacillus anthracis protective antigen antibody
Description: Rabbit polyclonal to Bacillus anthracis protective antigen
Host species: Rabbit
Tested applications: Suitable for: WB
Species reactivity: Reacts with: Other species
Immunogen: Synthetic peptide corresponding to amino acids 238-254 of Anthrax PA

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer: Preservative: 0.05% Sodium azide
Constituents: PBS, 0.05% BSA
Purity: Whole antiserum
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab13808 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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<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<tbody>
<tr>
<td>WB</td>
<td></td>
<td>1/1000. Detects a band of approximately 83 kDa.</td>
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Target
Relevance

Anthrax toxins are composed of three distinct proteins, a protective antigen (PA), a lethal factor (LF) and an edema factor (EF). None of these proteins are toxic by themselves and several studies indicate that the anthrax toxin has the familiar A-B enzymatic binding structure, with PA acting as the binding domain and EF and/or LF acting as the active fragments.

Cellular localization

Secreted

Images

Western blot analysis of Anthrax PA in recombinant protein using ab13808 (lane B) at 1:1000 dilution. Lane A shows the pre-bleed.

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