

Product datasheet

HRP Anti-Diphtheria Toxin antibody ab34420

Overview

| | |
|----------------------------|---|
| Product name | HRP Anti-Diphtheria Toxin antibody |
| Description | HRP Goat polyclonal to Diphtheria Toxin |
| Host species | Goat |
| Conjugation | HRP |
| Specificity | Reacts with purified diphtheria toxin/toxoid. |
| Tested applications | Suitable for: ELISA, WB |
| Species reactivity | Reacts with: Other species |
| Immunogen | Full length protein corresponding to Diphtheria Toxin. Full length purified diphtheria toxoid protein from <i>Corynebacterium diphtheriae</i> . Database link: Q6NK15 |
| General notes | <p>Highly purified preparation of horseradish peroxidase. Free enzyme is absent.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.</p> <p>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.</p> <p>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</p> |

Properties

| | |
|-----------------------------|--|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C. Avoid freeze / thaw cycle. Please see notes section. |
| Storage buffer | pH: 7.20 Preservative: 0.002% Thimerosal (merthiolate) Constituents: 1% BSA, PBS |
| Purification notes | Purified IgG |
| Clonality | Polyclonal |

Isotype

IgG

Applications

The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab34420 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|---|
| ELISA | | 1/200 - 1/1000. |
| WB | | 1/20 - 1/200. Predicted molecular weight: 58 kDa. |

Target

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

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

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