

Anti-Diphtheria Toxin antibody ab53828

2 References

Overview

Product name	Anti-Diphtheria Toxin antibody
Description	Rabbit polyclonal to Diphtheria Toxin
Host species	Rabbit
Specificity	ab53828 reacts both with toxoid and toxin.
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Corynebacterium diphtheriae
Immunogen	Tissue, cells or virus corresponding to Diphtheria Toxin. Diphtheria toxoid (formaldehyde inactivated Diphtheria toxin).
General notes	<p>For a recombinant antibody to Diphtheria Toxin, please see - ab209329.</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 short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Constituent: Whole serum
Purity	Whole antiserum
Purification notes	Sterile filtered rabbit serum.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab53828 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
WB		Use at an assay dependent dilution. Detects a band of approximately 63 kDa (predicted molecular weight: 58 kDa).
ELISA		Use at an assay dependent dilution. Reacts well in ELISA with coated diphtheria toxoid.

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

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