

## Product datasheet

# Anti-CNTF antibody (Biotin) ab83150

### Overview

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<b>Product name</b>	Anti-CNTF antibody (Biotin)
<b>Description</b>	Rabbit polyclonal to CNTF (Biotin)
<b>Host species</b>	Rabbit
<b>Conjugation</b>	Biotin
<b>Tested applications</b>	<b>Suitable for:</b> Sandwich ELISA, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Highly pure (>98%) recombinant human CNTF
<b>General notes</b>	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications &amp; species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications &amp; species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications &amp; species that this product has been "predicted to work with," however this information is not covered by our Abpromise guarantee.</p> <p>Applications &amp; species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. 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, as well as customer reviews and Q&amp;As.</p>

### Properties

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<b>Form</b>	Lyophilized:Centrifuge vial prior to opening. Reconstitute in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze /

	thaw cycle.
<b>Storage buffer</b>	Constituent: PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

Our [Abpromise guarantee](#) covers the use of **ab83150** 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
Sandwich ELISA		Use a concentration of 0.25 - 1 µg/ml. Allows the detection of at least 0.2 - 0.4 ng/well of recombinant human CNTF.
WB		Use a concentration of 0.1 - 0.2 µg/ml. Predicted molecular weight: 23 kDa. The detection limit for recombinant human CNTF is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

## Target

<b>Function</b>	CNTF is a survival factor for various neuronal cell types. Seems to prevent the degeneration of motor axons after axotomy.
<b>Tissue specificity</b>	Nervous system.
<b>Sequence similarities</b>	Belongs to the CNTF family.
<b>Cellular localization</b>	Cytoplasm.

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

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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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