

## Product datasheet

# Anti-CNTF antibody ab9785

### 3 References

#### Overview

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<b>Product name</b>	Anti-CNTF antibody
<b>Description</b>	Rabbit polyclonal to CNTF
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-FoFr, Sandwich ELISA, Neutralising, ELISA, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Rat
<b>Immunogen</b>	Recombinant full length protein corresponding to Rat CNTF. Highly pure (>98%) recombinant rCNTF (Rat Ciliary Neurotrophic Factor) Database link: <a href="#">P20294</a>
<b>Positive control</b>	WB: Recombinant human CNTF protein ( <a href="#">ab9786</a> ).
<b>General notes</b>	<p>Although some customers have been successful in IHC we no longer batch test in this application.</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&amp;As</p>

#### Properties

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<b>Form</b>	Lyophilized:Reconstitute with 200µl of sterile water.
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
<b>Storage buffer</b>	No preservative, sterile filtered
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

#### Applications

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## The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab9785 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
IHC-FoFr		Use at an assay dependent concentration.
Sandwich ELISA		Use at an assay dependent concentration. To detect Rat CNTF by sandwich ELISA (using 100 ul/well antibody solution) a concentration of 0.5 - 2.0 ug/ml of this antibody is required.
Neutralising		Use at an assay dependent concentration. for one-half maximal inhibition [ND50] of the biological activity of rCNTF (0.15 ng/ml).
ELISA		Use at an assay dependent concentration. Allows the detection of 0.2 - 0.4 ng/well of recombinant rCNTF.
WB		Use at an assay dependent concentration.

## 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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