

Product datasheet

Anti-CNTF antibody ab9785

3 References

Overview

Product name	Anti-CNTF antibody
Description	Rabbit polyclonal to CNTF
Host species	Rabbit
Tested applications	Suitable for: IHC-FoFr, Sandwich ELISA, Neutralising, ELISA, WB
Species reactivity	Reacts with: Rat
Immunogen	Recombinant full length protein corresponding to Rat CNTF. Highly pure (>98%) recombinant rCNTF (Rat Ciliary Neurotrophic Factor) Database link: P20294
Positive control	WB: Recombinant human CNTF protein (ab9786).
General notes	<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&As</p>

Properties

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

Applications

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

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

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