Ciliary Neurotrophic Factor (CNTF) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Ciliary Neurotrophic Factor (CNTF), Polyclonal Antibody
Full Product Name	Cy3-Linked Polyclonal Antibody to Ciliary Neurotrophic Factor (CNTF)
Product Gene Name	anti-CNTF antibody
Product Synonym Names	HCNTF
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Mouse, Rat
Concentration	>=100ug/ml (lot specific)
Matching Pairs	Unconjugated Antibody: CNTF (MBS2002549) Cy3 Conjugated Antibody: CNTF (MBS2035286)
Matching Pairs	Cy3 Conjugated Antibody: CNTF (MBS2035286) Immunogen: CNTF (MBS2009819)
Molecular Weight	22,931 Da
OMIM	X60542 Genomic DNA
3D Structure	ModBase 3D Structure for P26441
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Immunogen	CNTF (Ala2~Met200)
Conjugation	Cy3
Cross Reactivity	Rat
Unconjugated Antibody	The unconjugated antibody version of this item is also available as catalog #MBS2002549
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-CNTF antibody	Western Blot (WB), Immunocytochemistry (ICC), Immunohistochemistry (IHC) Formalin/Paraffin, ELISA (ELISA)
Related Product Information for anti-CNTF antibody	MBS2035286 is an antibody targeting CNTF. Also known as Cy3-Linked Polyclonal Antibody to Ciliary Neurotrophic Factor (CNTF). Reactive in Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-CNTF antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CNTF. It may not necessarily be applicable to this product.

NCBI GI #	4758020
NCBI GeneID	1270
NCBI Accession #	NP_000605.1

UniProt Primary Accession #	P26441
UniProt Secondary Accession #	B2RAB2
UniProt Related Accession #	P26441
GenBank Nucleotide #	NM_000614.3
NCBI Official Full Name	ciliary neurotrophic factor
NCBI Official Synonym Full Names	ciliary neurotrophic factor
NCBI Official Symbol	CNTF
NCBI Official Synonym Symbols	HCNTF
UniProt Protein Name	Ciliary neurotrophic factor
Protein Family	Ciliary neurotrophic factor
UniProt Gene Name	CNTF
UniProt Synonym Gene Names	CNTF
NCBI Protein Information	ciliary neurotrophic factor
NCBI Summary for CNTF	The protein encoded by this gene is a polypeptide hormone whose actions appear to be restricted to the nervous system where it promotes neurotransmitter synthesis and neurite outgrowth in certain neuronal populations. The protein is a potent survival factor for neurons and oligodendrocytes and may be relevant in reducing tissue destruction during inflammatory attacks. A mutation in this gene, which results in aberrant splicing, leads to ciliary neurotrophic factor deficiency, but this phenotype is not causally related to neurologic disease. A read-through transcript variant composed of the upstream ZFP91 gene and CNTF sequence has been identified, but it is thought to be non-coding. Read-through transcription of ZFP91 and CNTF has also been observed in mouse. [provided by RefSeq, Oct 2010]
UniProt Comments for CNTF	CNTF: CNTF is a survival factor for various neuronal cell types. Seems to prevent the degeneration of motor axons after axotomy. Belongs to the CNTF family. Chromosomal Location of Human Ortholog: 11q12.1 Cellular Component: axon; extracellular region; extracellular space Molecular Function: ciliary neurotrophic factor receptor binding; cytokine activity; growth factor activity; interleukin-6 receptor binding; protein binding Biological Process: astrocyte activation; negative regulation of neuron apoptosis; positive regulation of axon regeneration; positive regulation of cell proliferation; positive regulation of tyrosine phosphorylation of Stat3 protein
Research Articles on CNTF	**1.** CNTFR-specific mutants of CNTF have been developed that bind to the CNTFRalpha-LIFRbeta-gp130 receptor.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.

Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-mouse-rat-antibody/ciliary-neurotrophic-factor-cntf/2035286