

Rabbit anti-Mouse, Rat CNTF Polyclonal Antibody | anti-CNTF antibody

Anti-CNTF Antibody

CATALOG # AAA45671	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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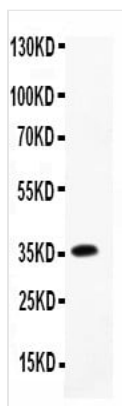
PRODUCT SYNONYMS

CNTF; Polyclonal Antibody; Anti-CNTF Antibody; Ciliary neurotrophic factor; ciliary neurotrophic factor; Ciliary Neurotrophic Factor antibody; CNTF antibody; CNTF_HUMAN antibody; HCNTF antibody; anti-CNTF antibody

PRODUCT SPECIFICATIONS

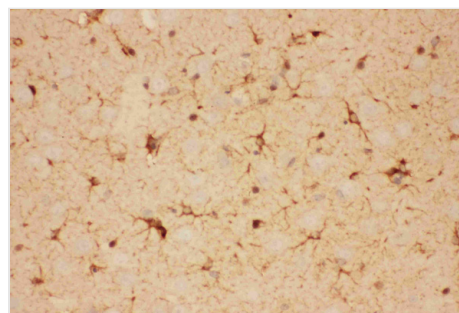
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	198
Applicable Applications for anti-CNTF antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived mouse CNTF recombinant protein (Position: A2-M198). Mouse CNTF shares 83% and 95% amino acid (aa) sequences identity with human and rat CNTF, respectively.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



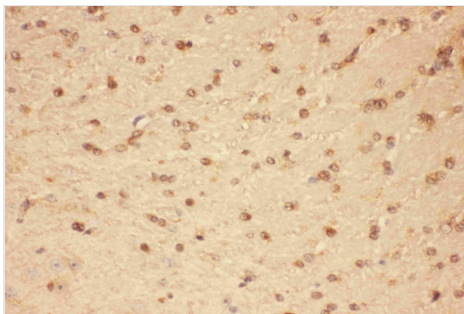
WB (Western Blot)

Anti-CNTF Picoband antibody, AAA45671-3.jpg All lanes: Anti-CNTF(AAA45671) at 0.5ug/ml WB: Recombinant Mouse CNTF Protein 0.5ng Predicted bind size: 36KD Observed bind size: 36KD



IHC (Immunohistochemistry)

Anti-CNTF Picoband antibody, AAA45671-2.JPG IHC(P): Rat Brain Tissue



IHC (Immunohistochemistry)
Anti-CNTF Picoband antibody, AAA45671-1.JPGIHC(P): Mouse Brain Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-CNTF antibody	Description: Rabbit IgG polyclonal antibody for Ciliary neurotrophic factor(CNTF) detection. Tested with WB, IHC-P in Mouse, Rat. Background: Ciliary neurotrophic factor (CNTF) is a potent polypeptide hormone whose actions appear to be restricted to the nervous system where it promotes survival, neurotransmitter synthesis and neurite outgrowth in certain neuronal populations. The mouse CNTF gene is on mouse chromosome 19 and that its expression is unaffected in the mouse neurologic mutant wobbler, a form of spinal muscular atrophy. The CNTF protein is highly conserved in evolution. The protein is a potent survival factor for neurons and oligodendrocytes, and it may be involved in reducing tissue destruction during inflammatory attacks. CNTF is thought to act centrally by inducing hypothalamic neurogenesis to modulate food intake and peripherally by altering hepatic gene expression, in a manner similar to that of leptin.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1705963
NCBI GeneID	12803
UniProt Accession #	P51642
Molecular Weight	22,587 Da
NCBI Official Full Name	Ciliary neurotrophic factor
NCBI Official Synonym Full Names	ciliary neurotrophic factor
NCBI Official Symbol	Cntf
NCBI Official Synonym Symbols	AI429687
NCBI Protein Information	ciliary neurotrophic factor
UniProt Protein Name	Ciliary neurotrophic factor
UniProt Gene Name	Cntf
UniProt Synonym Gene Names	CNTF
UniProt Entry Name	CNTF_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.