

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

Anti-CNTF antibody

CATALOG # AAA45728	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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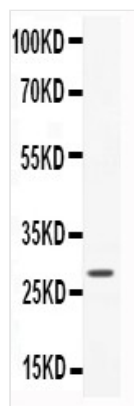
PRODUCT SYNONYMS

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

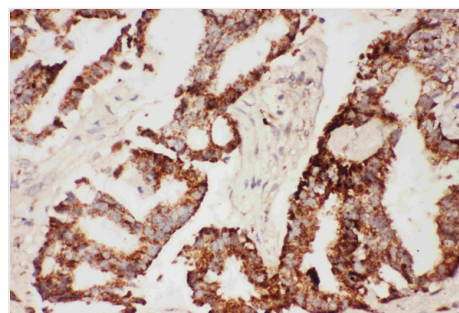
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	200
Applicable Applications for anti-CNTF antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human CNTF recombinant protein (Position: A2-M200). Human CNTF shares 83% and 84% amino acid (aa) sequence identity with mouse 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



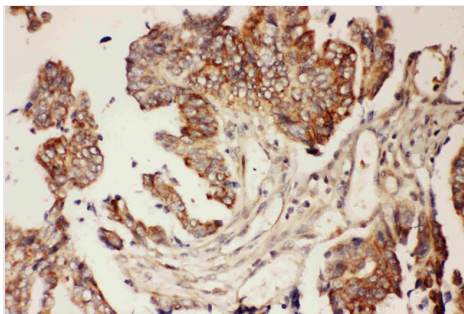
WB (Western Blot)

Anti-CNTF Picoband antibody, AAA45728-4.jpg All lanes: Anti-CNTF(AAA45728) at 0.5ug/ml WB: Recombinant Human CNTF Protein 0.5ng Predicted bind size: 28KD Observed bind size: 28KD



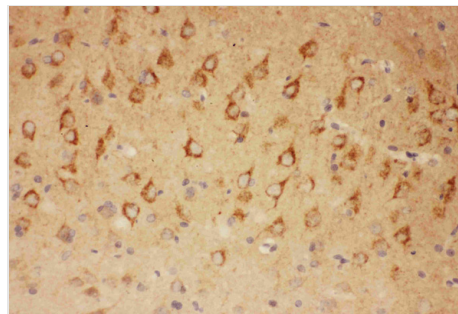
IHC (Immunohistochemistry)

Anti-CNTF Picoband antibody, AAA45728-3.JPG IHC(P): Human Lung Cancer Tissue



IHC (Immunohistochemistry)

Anti-CNTF Picoband antibody, AAA45728-2.JPGIHC(P): Human Intestinal Cancer Tissue



IHC (Immunohistochemistry)

Anti-CNTF Picoband antibody, AAA45728-1.JPGIHC(P): Rat 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 Human, 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 CNTF gene is located on chromosome 11, as determined using human-hamster somatic cell hybrids. The CNTF protein is highly conserved in evolution. The amino acid (aa) sequences of rat and rabbit CNTF translated from cDNAs display approx. 85% homology with the deduced aa sequence encoding human CNTF. CNTF induces weight loss and improves glucose tolerance in humans and rodents. 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	116585
NCBI GeneID	1270
UniProt Accession #	P26441; B2RAB2
Molecular Weight	22,931 Da
NCBI Official Full Name	Ciliary neurotrophic factor
NCBI Official Synonym Full Names	ciliary neurotrophic factor
NCBI Official Symbol	CNTF
NCBI Official Synonym Symbols	HCNTF
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_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cntf-antibody-immunohistochemistry-western-blot-elisa/45728>