

CNTF Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07915
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic Peptide of CNTF
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	Ciliary neurotrophic factor
Synonyms	Ciliary neurotrophic factor ;CNTF; CNTF; Ciliary neurotrophic factor; CNTF

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

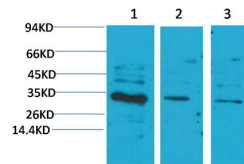
Recommended Dilution

WB: 1: 500 - 1000

ELISA: 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of 1) Hela, 2) Mouse Brain Tissue, 3) Rat Brain Tissue with CNTF Rabbit pAb diluted at 1:2,000.

Storage

-20°C for 1 year