

CNTF rabbit pAb

Cat No.: ES20782

For research use only

Overview

Product Name CNTF rabbit pAb

Host species Rabbit Applications WB

Species Cross-Reactivity Human;Rat;Mouse Recommended dilutions WB 1:500-1000

Immunogen Synthetic Peptide of CNTF

Specificity CNTF protein(A218) detects endogenous levels of

CNTF

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Ciliary neurotrophic factor (CNTF)

Gene Name CNTF

Cellular localization Cytoplasm.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 30kD
Human Gene ID 1270
Human Swiss-Prot Number P26441

Alternative Names CNTF; Ciliary neurotrophic factor; CNTF

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

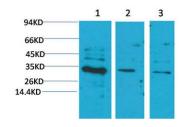


+86-27-59760950 ELKbio@ELKbiotech.com



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],

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



+86-27-59760950

