

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





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.

