

CNTF Polyclonal Antibody

Catalog NumberPA1-18365

Product data sheet

| Details | | Species Reactivity | |
|--------------------|----------------------------------|--|-------------------|
| Size | 100 µL | Species reactivity | Human, Mouse, Rat |
| Host/Isotope | Sheep / IgG | Tested Applications | Dilution * |
| Class | Polyclonal | | |
| Type | Antibody | | |
| Immunogen | Recombinant human CNTF. | ELISA (ELISA) | 1:500 |
| Conjugate | Unconjugated | Western Blot (WB) | 1:500 |
| Form | Lyophilized | * Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls. | |
| Concentration | Conc. Not Determined | | |
| Storage buffer | whole serum | | |
| Contains | no preservative | | |
| Storage Conditions | -20° C, Avoid Freeze/Thaw Cycles | | |

Product specific information

Reconstitute in 100 µL of sterile water. Centrifuge to remove any insoluble material. After reconstitution keep aliquots at -20 °C for a higher stability, and at 4 °C with an appropriate antibacterial agent. Avoid repetitive freeze/thaw cycles. Glycerol (1:1) may be added for an additional stability.

Background/Target Information

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 ZFP91 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.

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