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CNTFR (C) Antibody, Rabbit Polyclonal

Cat#: R3355-2

Quantity: 100 ul

Predicted | Observed M.W.: 41 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P26992

Background:

Ciliary neurotrophic factor receptor subunit alpha (CNTFR) is a member of the type 1 cytokine receptor family. CNTFR is the ligand-specific component of a tripartite receptor for ciliary neurotrophic factor, which plays a critical role in neuronal cell survival, differentiation and gene expression. Binding of ciliary neurotrophic factor to CNTFR recruits the transmembrane components of the receptor, gp130 and leukemia inhibitory factor receptor, facilitating signal transduction. Single nucleotide polymorphisms in this gene may be associated with variations in muscle strength, as well as early onset of eating disorders.

Other Names:

Ciliary neurotrophic factor receptor subunit alpha, CNTF receptor subunit alpha, CNTFR-alpha

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human CNTFR. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:500-1:2,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

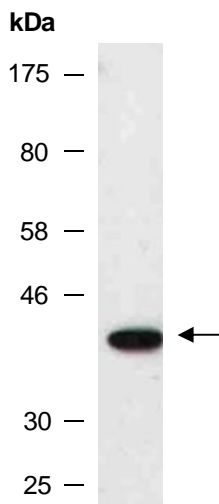


Fig 1. Western blot analysis of total cell extracts from mouse brain; using anti-CNTFR (C) (R3355-2) at RT for 2 h.