



CNTFR Antibody

#24244

Catalog Number: 24244-1, 24244-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : P26992

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized peptide derived from Human CNTFR

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity/Sensitivity: CNTFR Antibody detects endogenous levels of total CNTFR

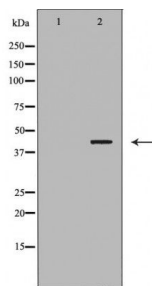
Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 41kd

WB: 1:500-2000

IHC: 1:50-200



Western blot analysis of extracts of mouse heart tissue lysate, using CNTFR antibody | Immunohistochemistry of paraffin-embedded human colon cancer tissue using CNTFR antibody.

Background :

This gene encodes a member of the type 1 cytokine receptor family. The encoded protein 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 the encoded protein 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. Alternatively spliced transcript variants have been observed for this gene.