



CNTFR Monoclonal Antibody

Catalog No	YP-mAb-05471
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CNTFR
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CNTFR Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CNTF receptor subunit alpha;CNTFR;CNTFR alpha;Ciliary neurotrophic factor receptor subunit alpha (CNTF receptor subunit alpha) (CNTFR-alpha)
Observed Band	40kD
Calculated Molecular Weight	40kD
Cell Pathway	Cell membrane; Lipid-anchor, GPI-anchor.
Tissue Specificity	Nervous system and skeletal muscle.
Function	domain:The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding., function:Binds to CNTF. The alpha chain provides the receptor specificity., similarity:Belongs to the type I cytokine receptor family. Type 3 subfamily., similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain., similarity:Contains 2 fibronectin type-III domains.,subunit:Heterotrimer of the alpha chain, LIFR and IL6ST.,tissue specificity:Nervous system and skeletal muscle.,
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. [provided by RefSeq, May 2011],

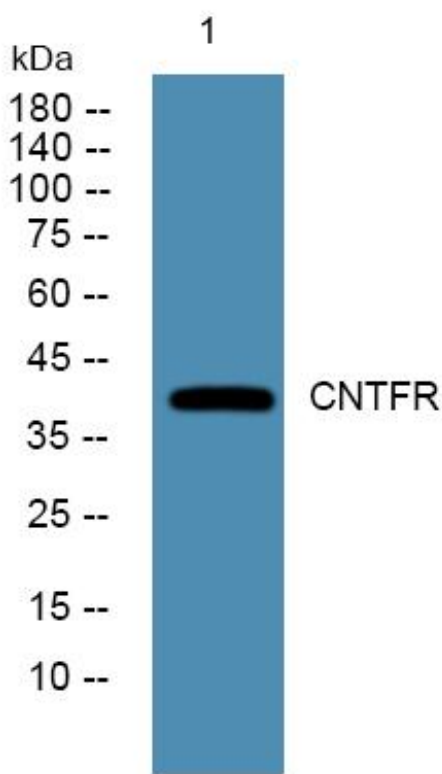
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using CNTFR Monoclonal Antibody