

CNTFR Polyclonal Antibody

Catalog No :	YN0597
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	CNTFR
Fields :	>>Cytokine-cytokine receptor interaction;>>JAK-STAT signaling pathway
Gene Name :	CNTFR
Protein Name :	Ciliary neurotrophic factor receptor subunit alpha (CNTF receptor subunit alpha) (CNTFR-alpha)
Human Gene Id :	1271
Human Swiss Prot No :	P26992
Mouse Swiss Prot No :	O88507
Rat Swiss Prot No :	Q08406
Immunogen :	Synthesized peptide derived from part region of human protein
Specificity :	CNTFR Polyclonal Antibody detects endogenous levels of protein.
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 40kD

Cell Pathway : Cytokine-cytokine receptor interaction;Jak_STAT;

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],

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.,

Subcellular Location : Cell membrane; Lipid-anchor, GPI-anchor.

Expression : Nervous system and skeletal muscle.

Products Images

