

## 睫状神经营养因子受体 $\alpha$ 抗体

产品货号： mIR21991

英文名称： CNTF Receptor alpha

中文名称： 睫状神经营养因子受体  $\alpha$  抗体

别名： CNTFR Alpha; Ciliary neurotrophic factor receptor alpha; CNTFR Alpha; CNTFR; Ciliary neurotrophic factor receptor alpha; Ciliary neurotrophic factor receptor subunit alpha; CNTF receptor subunit alpha; CNTFR Alpha; CNTFR; CNTFR-alpha; CNTFR.

研究领域： 免疫学 神经生物学 信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.



optimal dilutions/concentrations should be determined by the end user.

分 子 量 : 36kDa

细胞定位 : 细胞膜

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human CNTF Receptor alpha :71-170/372

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

**产品介绍：** 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:**

Binds to CNTF. The alpha subunit provides the receptor specificity.

**Subunit:**

Heterotrimer of the alpha subunit, LIFR and IL6ST.

**Subcellular Location:**

Cell membrane; Lipid-anchor, GPI-anchor.

**Tissue Specificity:**

Nervous system and skeletal muscle.

**Similarity:**

Belongs to the type I cytokine receptor family. Type 3 subfamily.

Contains 2 fibronectin type-III domains.

Contains 1 Ig-like C2-type (immunoglobulin-like) domain.

**SWISS:**

P26992

**Gene ID:**

1271

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

神经生物学相关蛋白（Neurobiology）

CNTRF  $\alpha$  是 CNTF 的特异性结合蛋白。在周围神经损伤后 CNTF 与其受体有其特异的变化模式及调节机制，对神经损伤后的再生有重要作用。

**产品图片**



