



Rabbit Anti-CNTF Receptor alpha antibody

SL1516R

Product Name:	CNTF Receptor alpha
Chinese Name:	睫状神经营养因子受体 α 抗体
Alias:	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.
文献引用 PubMed :	Specific References(1) SL1516R has been referenced in 1 publications. [IF=3.53] Schwieger J, Warnecke A, Lenarz T, Esser K-H, Scheper V (2015) Neuronal Survival, Morphology and Outgrowth of Spiral Ganglion Neurons Using a Defined Growth Factor Combination. PLoS ONE 10(8): e0133680. Rat. PubMed:26263175
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	36kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CNTFR Alpha:151-160/372
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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
Product Detail:	<p>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].</p> <p>Function: Binds to CNTF. The alpha subunit provides the receptor specificity.</p> <p>Subunit: Heterotrimer of the alpha subunit, LIFR and IL6ST.</p> <p>Subcellular Location: Cell membrane; Lipid-anchor, GPI-anchor.</p> <p>Tissue Specificity: Nervous system and skeletal muscle.</p> <p>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.</p> <p>SWISS: P26992</p> <p>Gene ID: 1271</p> <p>Database links:</p> <p>Entrez Gene: 442941Dog</p> <p>Entrez Gene: 1271Human</p> <p>Entrez Gene: 12804Mouse</p> <p>Entrez Gene: 313173Rat</p> <p>Omim: 118946Human</p>

[SwissProt: Q71DR4](#)Dog

[SwissProt: P26992](#)Human

[SwissProt: O88507](#)Mouse

[SwissProt: Q08406](#)Rat

[Unigene: 129966](#)Human

[Unigene: 425178](#)Mouse

[Unigene: 55036](#)Rat

Important Note:

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

Neurobiology相关蛋白 (Neurobiology)

CNTRF α 是CNTF的特异性Binding

protein。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。

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