

Datasheet for ABIN7128092

anti-CNTF Receptor alpha antibody (AA 23-342)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	CNTF Receptor alpha (CNTFR)
Binding Specificity:	AA 23-342
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNTF Receptor alpha antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Fusion protein corresponding to a region derived from 23-342 amino acids of Human ciliary neurotrophic factor receptor
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Affinity purification

Target Details

Target:	CNTF Receptor alpha (CNTFR)
Alternative Name:	CNTFR (CNTFR Products)
Background:	Background:

Target Details

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.

Aliases: Ciliary neurotrophic factor receptor alpha antibody, Ciliary neurotrophic factor receptor antibody, Ciliary neurotrophic factor receptor subunit alpha antibody, CNTF Receptor alpha antibody, CNTF receptor subunit alpha antibody, CNTFR Alpha antibody, CNTFR antibody, CNTFR-alpha antibody, CNTFR_HUMAN antibody

UniProt: [P26992](#)

Pathways: [JAK-STAT Signaling](#), [Feeding Behaviour](#)

Application Details

Application Notes: WB:1:500-1:2000,

Restrictions: For Research Use only

Handling

Format: Liquid

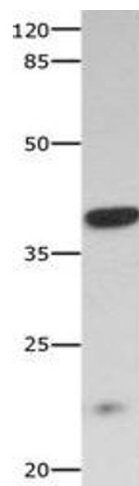
Buffer: Supplied at 0.5 mg/mL in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.3, 0.05 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Gel: 10 % SDS-PAGE Lysate: 40 µg Mouse skeletal muscle tissue lysate Primary antibody: 1/300 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 60 seconds