

## CNTFR RABBIT PAB

**Cat.#:** S216435

**Product Name:** Anti-CNTFR Rabbit Polyclonal Antibody

**Synonyms:**

**UNIPROT ID:** P26992 (Gene Accession - BC001492 )

**Background:** This gene encodes a member of the type I 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.

**Immunogen:** Fusion protein of human CNTFR

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 100-300;WB: 500-2000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

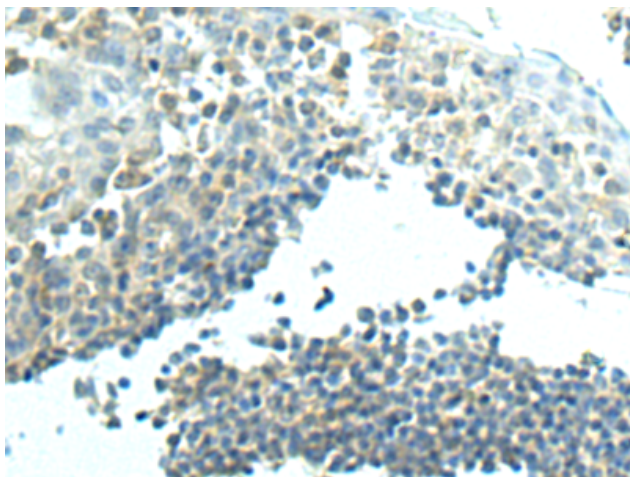
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

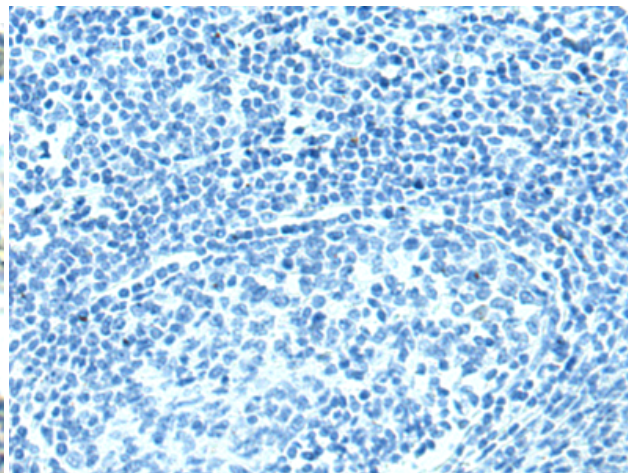
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction, Neuroscience

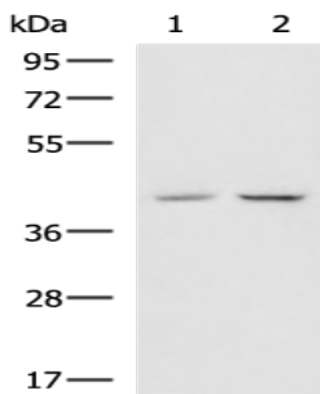
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 216435(CNTFR Antibody) at a dilution of 1/110(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the fusion protein and then with 216435(Anti-CNTFR Antibody) at dilution 1/110.



Gel: 8%SDS-PAGE, Lysate: 40 µg;  
 Lane 1-2: Mouse skeletal muscle tissue and Rat skeletal muscle tissue lysates;  
 Primary antibody: 216435(CNTFR Antibody) at dilution 1/800;  
 Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;  
 Exposure time: 3 minutes