

## TNNC2 RABBIT PAB

**Cat.#:** S219218

**Product Name:** Anti-TNNC2 Rabbit Polyclonal Antibody

**Synonyms:**

**UNIPROT ID:** P02585 (Gene Accession - BC005323 )

**Background:** Troponin (Tn), a key protein complex in the regulation of striated muscle contraction, is composed of 3 subunits. The Tn-I subunit inhibits actomyosin ATPase, the Tn-T subunit binds tropomyosin and Tn-C, while the Tn-C subunit binds calcium and overcomes the inhibitory action of the troponin complex on actin filaments. The protein encoded by this gene is the Tn-C subunit.

**Immunogen:** Fusion protein of human TNNC2

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-100;WB: 500-2000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

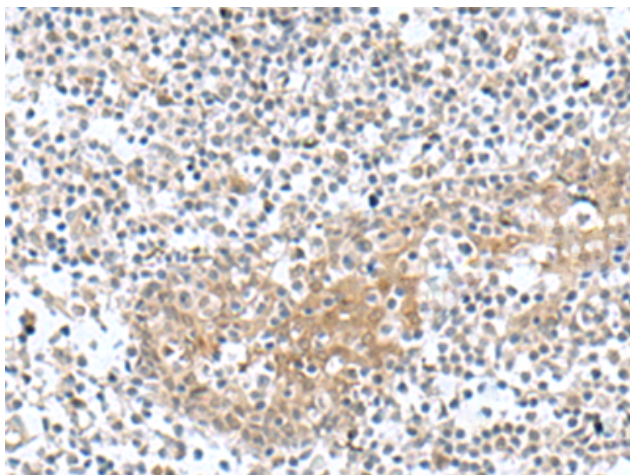
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

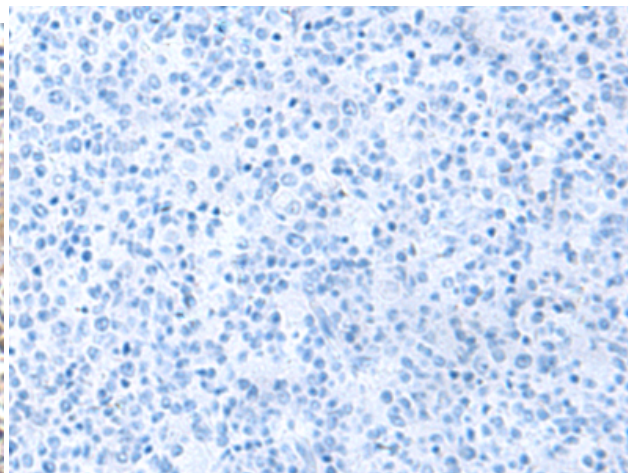
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction

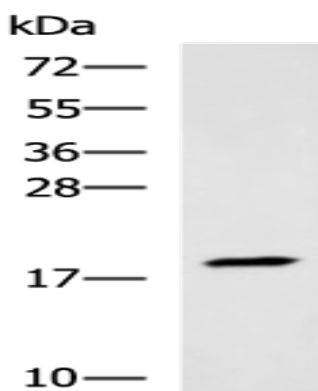
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 219218(TNNC2 Antibody) at a dilution of 1/50(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 219218(Anti-TNNC2 Antibody) at dilution 1/50.



Gel: 12%SDS-PAGE, Lysate: 40  $\mu$ g;  
Lane: Human muscle tissue lysate;  
Primary antibody: 219218(TNNC2 Antibody) at dilution 1/400;  
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;  
Exposure time: 5 minutes