

## Product datasheet for **TA370724S**

### Troponin C (TNNC2) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human muscle tissue lysate IHC: 50-100 Positive control: Human tonsil Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human TNNC2
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	18 kDa
Gene Name:	troponin C2, fast skeletal type
Database Link:	<a href="#">Entrez Gene 7125 Human P02585</a>

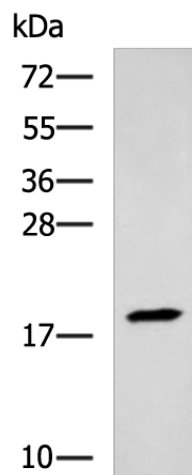
**Background:** Troponin (Tn), a key protein complex in the regulation of striated muscle contraction, is composed of 3 subunits. The Tn-I subunit inhibits actomyosin ATPase, the Tn-T subunit binds tropomyosin and Tn-C, while the Tn-C subunit binds calcium and overcomes the inhibitory action of the troponin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

**Synonyms:** TNNC2

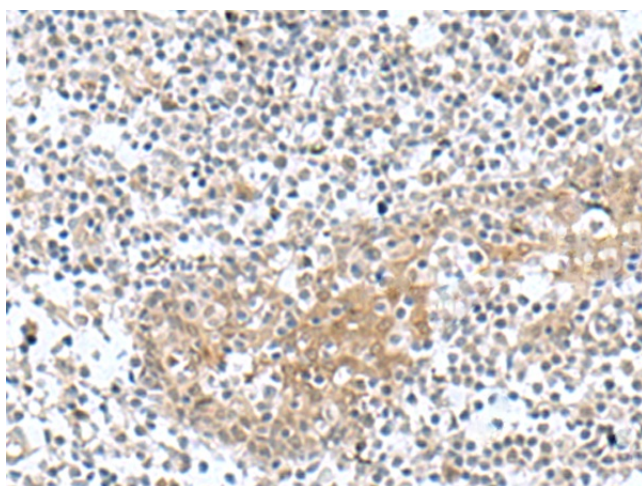


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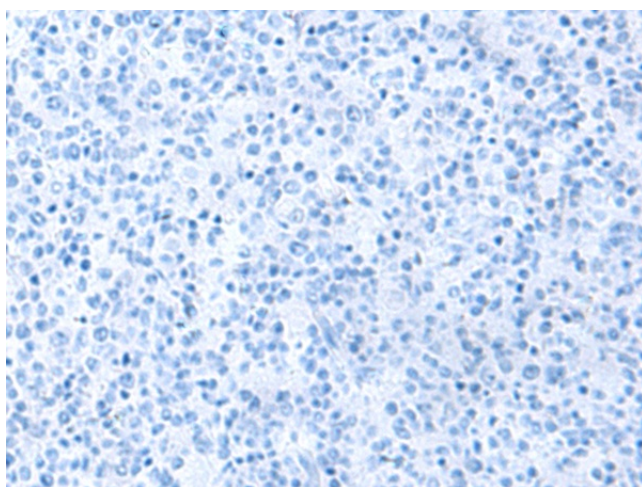
## Product images:



Gel: 12%SDS-PAGE  
Lysate: 40 µg  
Lane: Human muscle tissue lysate  
Primary antibody: [TA370724] (TNNC2 Antibody) at dilution 1/400  
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution  
Exposure time: 5 minutes



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA370724] (TNNC2 Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA370724] (TNNC2 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: ×200)