

# TNNC2 Rabbit pAb

Catalog No.: A7740

## Basic Information

### Observed MW

18kDa

### Calculated MW

18kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse, Rat

## 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.

## Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

## Immunogen Information

### Gene ID

7125

### Swiss Prot

P02585

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-160 of human TNNC2 (NP\_003270.1).

### Synonyms

FAP85; CFAP85; CMYP15; MYONRI; TNNC2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

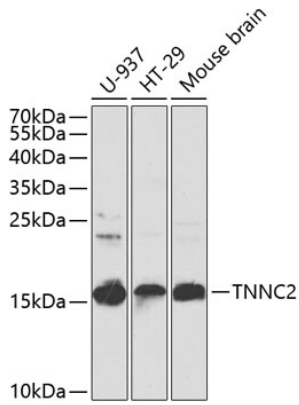
Affinity purification

### Storage

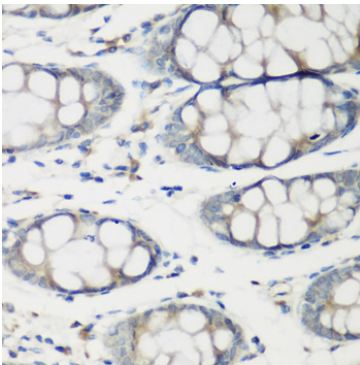
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

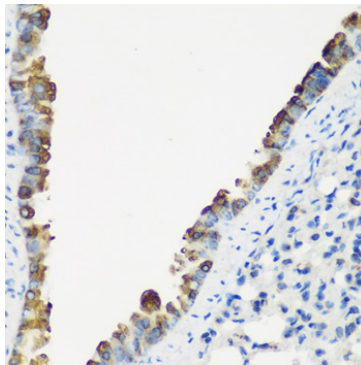
## Validation Data



Western blot analysis of various lysates using TNNC2 Rabbit pAb (A7740) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 15s.



Immunohistochemistry analysis of paraffin-embedded Human colon using TNNC2 Rabbit pAb (A7740) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Mouse lung using TNNC2 Rabbit pAb (A7740) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.