

TNNC2 Rabbit Polyclonal Antibody



CAB7740

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

18kDa

Calculated MW:

18kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein 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 information

Gene ID:

7125

Uniprot

P02585

Synonyms:

TNNC2; troponin C

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

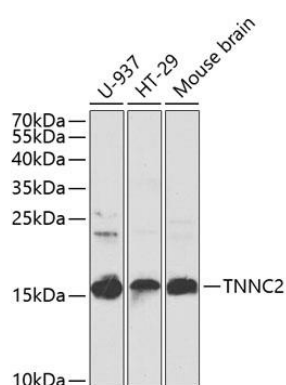
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-160 of human TNNC2 (NP_003270.1).

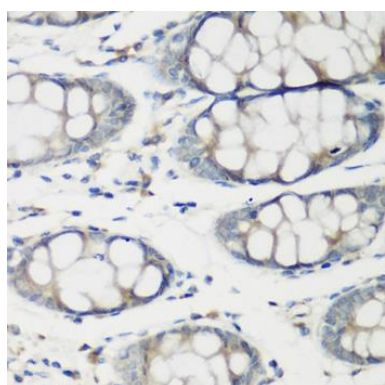
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

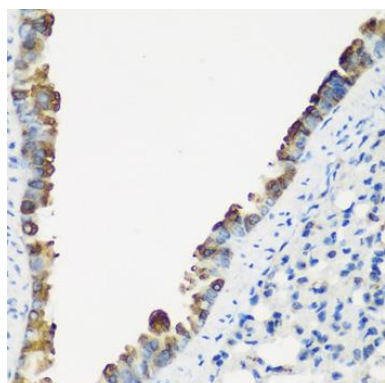
Product Images



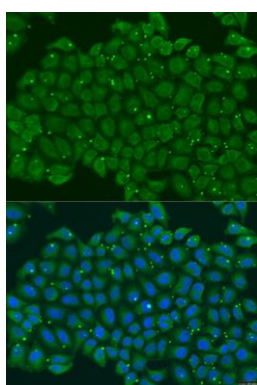
Western blot analysis of extracts of various cell lines, using TNNC2 antibody (CAB7740) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 15s.



Immunohistochemistry of paraffin-embedded human colon using TNNC2 antibody (CAB7740) at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded mouse lung using TNNC2 antibody (CAB7740) at dilution of 1:200 (40x lens).



Immunofluorescence analysis of U2OS cells using TNNC2 antibody (CAB7740) at dilution of 1:100. Blue: DAPI for nuclear staining.