

# TNNC2 Rabbit Polyclonal Antibody

Catalog No: #55308



Package Size: #55308-1 50ul #55308-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

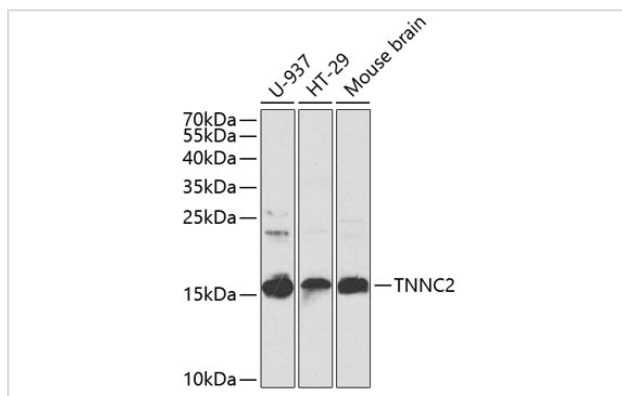
## Description

Product Name	TNNC2 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human TNNC2 (NP_003270.1).
Other Names	TNNC2;troponin C
Accession No.	Uniprot:P02585GeneID:7125
Calculated MW	18kDa
SDS-PAGE MW	18kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

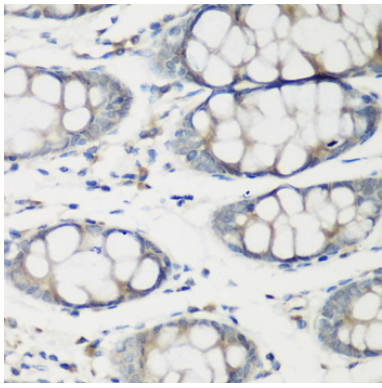
## Application Details

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

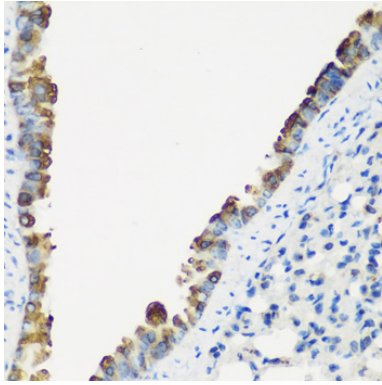
## Images



Western blot analysis of extracts of various cell lines, using TNNC2 antibody.



Immunohistochemistry of paraffin-embedded human colon using TNNC2 antibody.



Immunohistochemistry of paraffin-embedded mouse lung using TNNC2 antibody.

## 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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.