

Anti-Troponin T TNNT2 Rabbit Monoclonal Antibody
Catalog # ABO14034**Specification**

Anti-Troponin T TNNT2 Rabbit Monoclonal Antibody - Product Information

Application	WB, IHC
Primary Accession	P45379
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-Troponin T TNNT2 Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.

Anti-Troponin T TNNT2 Rabbit Monoclonal Antibody - Additional Information

Gene ID 7139

Other Names

Troponin T, cardiac muscle, TnTc, Cardiac muscle troponin T, cTnT, TNNT2

Calculated MW

35924 MW KDa

Application Details

WB 1:5000-1:20000
IHC 1:50-1:200

Tissue Specificity

Heart. The fetal heart shows a greater expression in the atrium than in the ventricle, while the adult heart shows a greater expression in the ventricle than in the atrium. Isoform 6 predominates in normal adult heart. Isoforms 1, 7 and 8 are expressed in fetal heart. Isoform 7 is also expressed in failing adult heart.

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human Troponin T

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-Troponin T TNNT2 Rabbit Monoclonal Antibody - Protein Information

Name TNNT2

Function

Troponin T is the tropomyosin-binding subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity.

Tissue Location

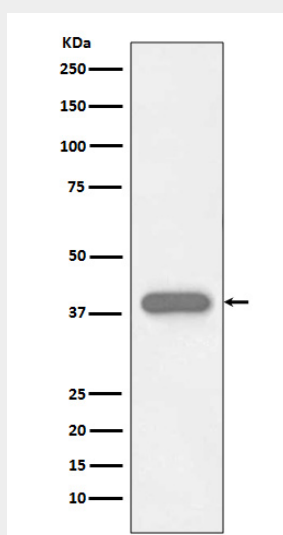
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Anti-Troponin T TNNT2 Rabbit Monoclonal Antibody - Protocols

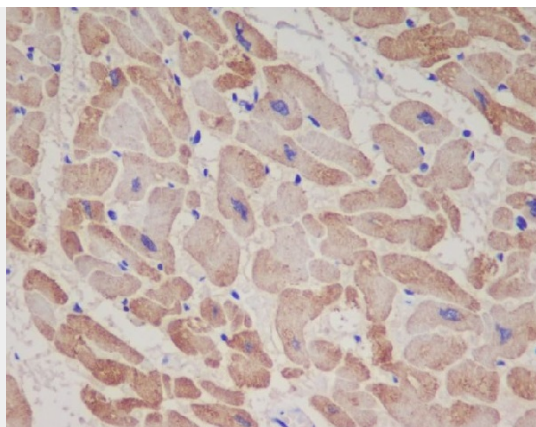
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Troponin T TNNT2 Rabbit Monoclonal Antibody - Images



Western blot analysis of Troponin T expression in human fetal heart lysate.



Immunohistochemical analysis of paraffin-embedded human heart muscle, using Troponin T Antibody.