

Anti-Troponin T TNNT2 Rabbit Monoclonal Antibody

Catalog # ABO14034

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.

Additional Information

Gene ID	7139
Other Names	Troponin T, cardiac muscle, TnTc, Cardiac muscle troponin T, cTnT, TNNT2
Calculated MW	35924
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.
Source	Eukaryota
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.
Clone Names	Clone: FDC-20
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.

Protein Information

Name	TNNT2
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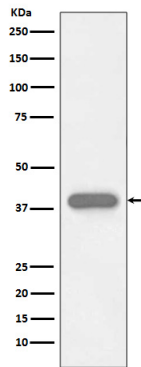
Function

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

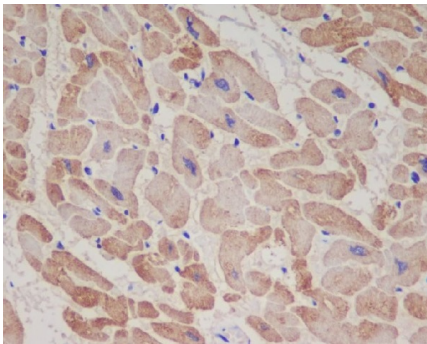
Tissue Location

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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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.