

Product Name: Cardiac Troponin T Rabbit Monoclonal Antibody**Catalog #: AMRe21387**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Concentration	0.3mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Purification	Protein A

Application

Dilution Ratio	WB 1:2000-1:10000,IHC 1:200-1:1000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
Molecular Weight	Calculated MW:36kD;Observed MW:36kD

Antigen Information

Gene Name	TNNT2
Alternative Names	TNNT2;Troponin T, cardiac muscle;TnTc;Cardiac muscle troponin T;cTnT
Gene ID	7139
SwissProt ID	P45379
Immunogen	A synthetic peptide of human Cardiac Troponin T

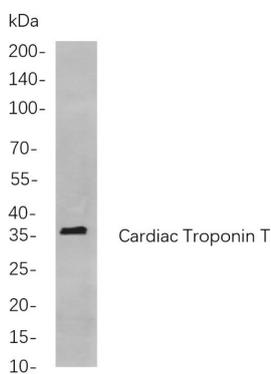
Background

Cell localization:Cytoplasm.The protein encoded by this gene isThe tropomyosin-binding subunit ofThe troponin complex, which is located onThe thin filament of striated muscles and regulates muscle contraction in response to alterations in

intracellular calcium ion concentration. Mutations in this gene have been associated with familial hypertrophic cardiomyopathy as well as with dilated cardiomyopathy. Transcripts for this gene undergo alternative splicing that results in many tissue-specific isoforms, however, The full-length nature of some of these variants has not yet been determined. [provided by RefSeq, Jul 2008],

Research Area

Image Data



Western blot analysis of lysates from Rat heart

cells, using Cardiac Troponin T Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.