
Product Name: Cardiac Troponin T Rabbit Monoclonal Antibody**Catalog #: AMRe86566**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:500,IP 1:50-1:100
Molecular Weight	Calculated MW:36 kDa; Observed MW:40 kDa

Antigen Information

Gene Name	Cardiac Troponin T
Alternative Names	CMH2; RCM3; TnTC; cTnT; CMD1D; CMPD2; LVNC6
Gene ID	7139
SwissProt ID	P45379
Immunogen	A synthetic peptide of human Cardiac Troponin T

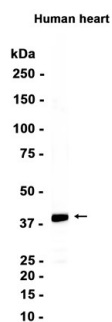
Background

The protein encoded by this gene is the tropomyosin-binding subunit of the troponin complex, which is located on the 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 extracts from Human heart tissue using Cardiac Troponin T Rabbit Monoclonal Antibody at 1:20000.