

Product Name: Troponin I (14Z15) Rabbit Monoclonal Antibody**Catalog #: AMRe19302**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,FC,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/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	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:5000-1:50000,IHC 1:200-1:500,FC 1:20-1:50,IP 1:50-1:100
Molecular Weight	24kDa

Antigen Information

Gene Name	TNNI3
Alternative Names	TNNC1; Troponin I; cardiac muscle; Cardiac troponin I; TNNI3; CMD2A;
Gene ID	7137.0
SwissProt ID	P19429
Immunogen	A synthetic peptide of human Cardiac Troponin I

Background

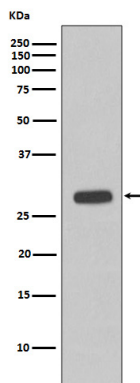
Troponin I (TnI) is one of 3 subunits that form the troponin complex of the thin filaments of striated muscle; see also TNNI1

(MIM 191042). The others are troponin T (TnT; see MIM 191041) and troponin C (TnC; see MIM 191040). Troponin I is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity.

Research Area

Signal Transduction

Image Data



Western blot analysis of Troponin I expression in fetal heart cell lysate.