

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



## Summary

<b>Production Name</b>	Troponin I (14Z15) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	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.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	TNNI3
<b>Alternative Names</b>	TNNC1; Troponin I; cardiac muscle; Cardiac troponin I; TNNI3; CMD2A;
<b>Gene ID</b>	7137.0
<b>SwissProt ID</b>	P19429.

## Application

<b>Dilution Ratio</b>	WB 1:5000-1:10000
<b>Molecular Weight</b>	24kDa

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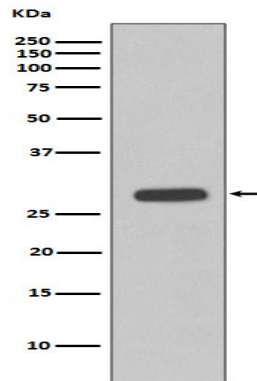


## Background

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

## Image Data



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

## Note

For research use only.