

**Troponin I Antibody**  
Rabbit mAb  
Catalog # AP90594

## Specification

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### Troponin I Antibody - Product Information

Application	WB, IHC, ICC, IP
Primary Accession	<a href="#">P19429</a>
Clonality	Monoclonal
<b>Other Names</b>	
TNNC1; Troponin I; cardiac muscle; Cardiac troponin I; TNNI3; CMD2A;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	24008 Da

### Troponin I Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 ICC~~N/A IP~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Troponin I
Description	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).
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

### Troponin I Antibody - Protein Information

**Name** TNNI3

**Synonyms** TNNC1

#### Function

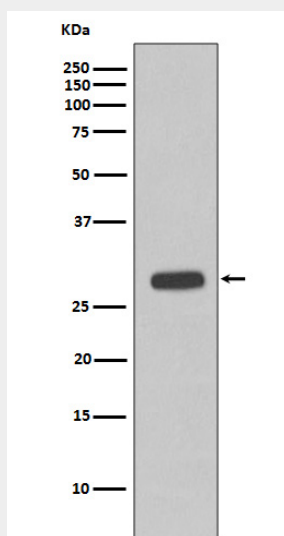
Troponin I is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity.

## Troponin I Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Troponin I Antibody - Images



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