# TNNT2 Polyclonal Antibody

**catalog number:** **E-AB-70232**

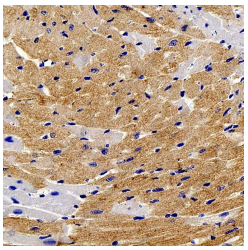
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

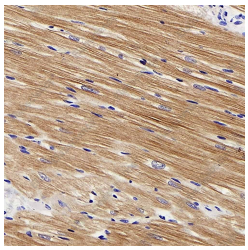
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|---|---|
| **Reactivity** | Mouse;Rat |
| **Immunogen** | KLH conjugated Synthetic peptide corresponding to Mouse Cardiac Troponin T |
| **Host** | Rabbit |
| **Isotype** | Rabbit IgG |
| **Purification** | Affinity purification |
| **Buffer** | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol. |

| Applications | Recommended Dilution |
|---|---|
| **IHC** | 1:100-1:500 |

## Data



Immunohistochemistry analysis of paraffin-embedded mouse heart using TNNT2 Polyclonal Antibody at dilution of 1:200.



Immunohistochemistry analysis of paraffin-embedded rat heart using TNNT2 Polyclonal Antibody at dilution of 1:200.

## Preparation & Storage

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|---|---|
| **Storage** | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| **Shipping** | The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended. |

## 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 tissu e-specific isoforms, however, the full-length nature of some of these variants has not yet been determined.


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