

**TNNT2 / CTNT Antibody (aa146-160)**  
**Mouse Monoclonal Antibody**  
**Catalog # ALS13708****Specification**

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**TNNT2 / CTNT Antibody (aa146-160) - Product Information**

Application	IHC
Primary Accession	<a href="#">P45379</a>
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Goat, Bovine, Fish, Dog, Cat
Host	Mouse
Clonality	Monoclonal
Calculated MW	36kDa KDa

**TNNT2 / CTNT Antibody (aa146-160) - Additional Information****Gene ID** 7139**Other Names**

Troponin T, cardiac muscle, TnTc, Cardiac muscle troponin T, cTnT, TNNT2

**Target/Specificity**

Species cross-reactivity: Cross-reacts with Human, Mouse, Rat, bovine, Cat, canine, Fish, Goat, porcine and Rabbit.

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

**Precautions**

TNNT2 / CTNT Antibody (aa146-160) is for research use only and not for use in diagnostic or therapeutic procedures.

**TNNT2 / CTNT Antibody (aa146-160) - Protein Information****Name** TNNT2**Function**

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

**Tissue Location**

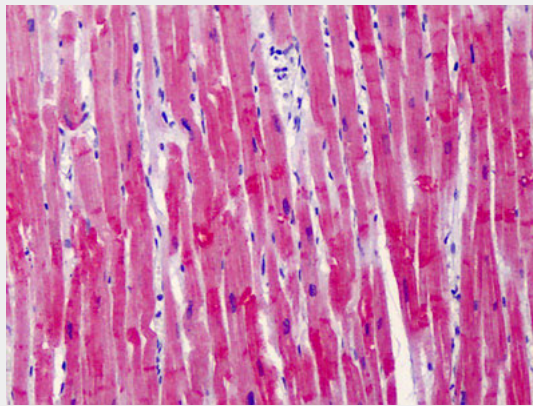
Heart. The fetal heart shows a greater expression in the atrium than in the ventricle, while the adult heart shows a greater expression in the ventricle than in the atrium. Isoform 6 predominates in normal adult heart. Isoforms 1, 7 and 8 are expressed in fetal heart. Isoform 7 is also expressed in failing adult heart

## TNNT2 / CTNT Antibody (aa146-160) - 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](#)

## TNNT2 / CTNT Antibody (aa146-160) - Images



Anti-TNNT2 / CTnT antibody IHC of human heart.

## TNNT2 / CTNT Antibody (aa146-160) - Background

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

## TNNT2 / CTNT Antibody (aa146-160) - References

- Mesnard L., et al. FEBS Lett. 328:139-144(1993).  
Townsend P.J., et al. Genomics 21:311-316(1994).  
Townsend P.J., et al. J. Mol. Cell. Cardiol. 27:2223-2236(1995).  
Anderson P.A., et al. Circ. Res. 76:681-686(1995).  
Mesnard L., et al. Circ. Res. 76:687-692(1995).