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TNNT2 / CTNT Antibody
Mouse Monoclonal Antibody
Catalog # ALS13913

Specification

TNNT2 / CTNT Antibody - Product Information

Application	**IHC**
Primary Accession	P45379
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**36kDa KDa**

TNNT2 / CTNT Antibody - Additional Information

Gene ID 7139

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

Target/Specificity
Human Troponin T 100%

Reconstitution & Storage
Long term: -20°C; Short term: +4°C; Avoid freeze-thaw cycles.

Precautions
TNNT2 / CTNT Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

TNNT2 / CTNT Antibody - 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

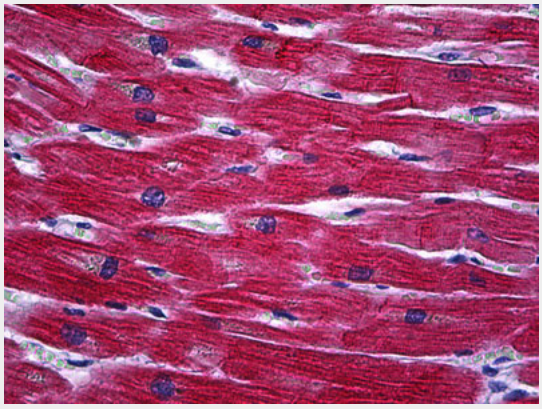
TNNT2 / CTNT Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TNNT2 / CTNT Antibody - Images



Anti-TNNT2 / CTnT antibody IHC of human heart.

TNNT2 / CTNT Antibody - 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 - References

Mesnard L.,et al.FEBS Lett. 328:139-144(1993).
Townsend P.J.,et al.Genomics 21:311-316(1994).
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