

TNNI3 / CTnI Antibody
Mouse Monoclonal Antibody
Catalog # ALS12188**Specification**

TNNI3 / CTnI Antibody - Product Information

Application	IHC
Primary Accession	P19429
Reactivity	Human, Mouse, Rabbit, Chicken, Bovine
Host	Mouse
Clonality	Monoclonal
Calculated MW	24kDa KDa

TNNI3 / CTnI Antibody - Additional Information**Gene ID** 7137**Other Names**

Troponin I, cardiac muscle, Cardiac troponin I, TNNI3, TNNC1

Target/Specificity

Recognizes bovine Troponin I

Reconstitution & Storage

Short term +4°C (no longer than one week); Long term -20°C; Aliquot to avoid freeze/thaw cycles.

Precautions

TNNI3 / CTnI Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

TNNI3 / CTnI 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.

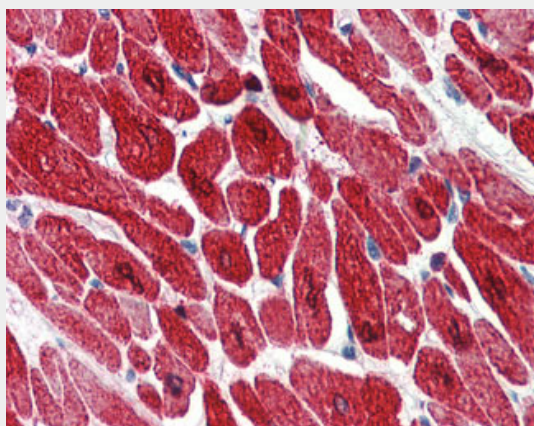
TNNI3 / CTnI Antibody - Protocols

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](#)

TNNI3 / CTnI Antibody - Images



Anti-TNNI3 / CTnI antibody IHC of human heart.

TNNI3 / CTnI Antibody - Background

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TNNI3 / CTnI Antibody - References

- Vallins W.J., et al. FEBS Lett. 270:57-61(1990).
Armour K.L., et al. Gene 131:287-292(1993).
Hunkeler N.M., et al. Circ. Res. 69:1409-1414(1991).
Bhavsar P.K., et al. Genomics 35:11-23(1996).
Mittmann K., et al. FEBS Lett. 273:41-45(1990).