

**TTN Polyclonal Antibody**  
Catalog # AP74183**Specification**

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**TTN Polyclonal Antibody - Product Information**

Application	IHC
Primary Accession	<a href="#">Q8WZ42</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

**TTN Polyclonal Antibody - Additional Information****Gene ID** 7273**Other Names**

Titin (EC 2.7.11.1) (Connectin) (Rhabdomyosarcoma antigen MU-RMS-40.14)

**Dilution**

IHC~~IHC-p 1:50-200, ELISA 1:10000-20000

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**TTN Polyclonal Antibody - Protein Information****Name** TTN**Function**

Key component in the assembly and functioning of vertebrate striated muscles. By providing connections at the level of individual microfilaments, it contributes to the fine balance of forces between the two halves of the sarcomere. The size and extensibility of the cross-links are the main determinants of sarcomere extensibility properties of muscle. In non-muscle cells, seems to play a role in chromosome condensation and chromosome segregation during mitosis. Might link the lamina network to chromatin or nuclear actin, or both during interphase.

**Cellular Location**

Cytoplasm. Nucleus

**Tissue Location**

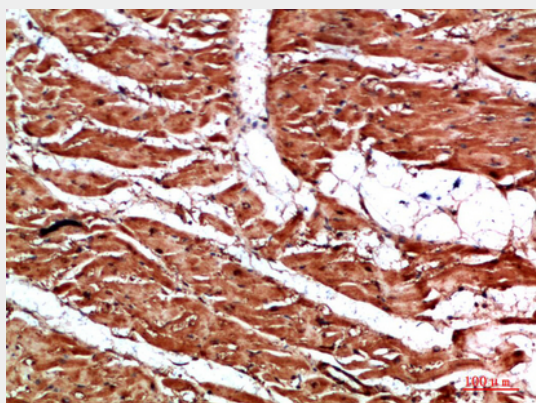
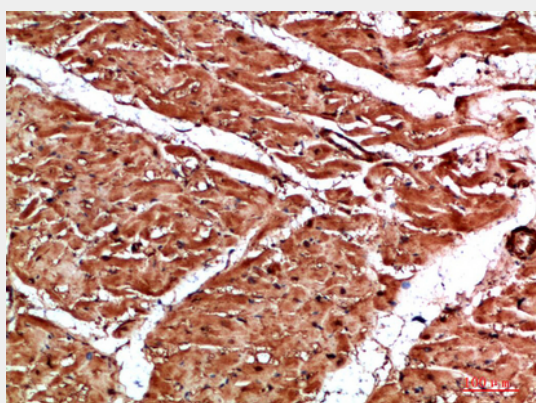
Isoforms 3, 7 and 8 are expressed in cardiac muscle. Isoform 4 is expressed in vertebrate skeletal muscle. Isoform 6 is expressed in skeletal muscle (at protein level)

## TTN Polyclonal 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](#)

## TTN Polyclonal Antibody - Images





### **TTN Polyclonal Antibody - Background**

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