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TTN Polyclonal Antibody

Catalog # AP74183

Product Information

Application	IHC-P, IF, ICC, E
Primary Accession	Q8WZ42
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	3816030

Additional Information

Gene ID	7273
Other Names	Titin (EC 2.7.11.1) (Connectin) (Rhabdomyosarcoma antigen MU-RMS-40.14)
Dilution	IHC-P~~IHC-p 1:50-200, ELISA 1:10000-20000 IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

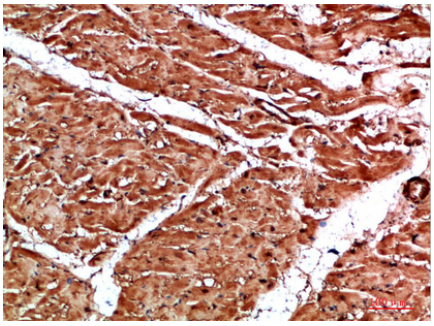
Name	TTN
Function	Key component in the assembly and functioning of vertebrate striated muscles. By providing connections at the level of individual microfilaments, it contributes to the fine balance of forces between the two halves of the sarcomere. The size and extensibility of the cross-links are the 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)

Background

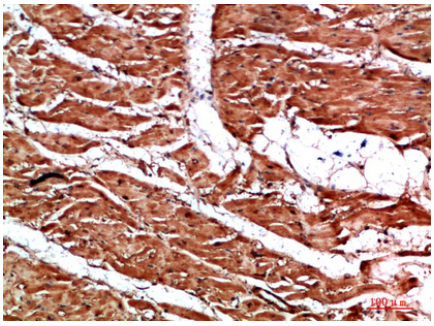
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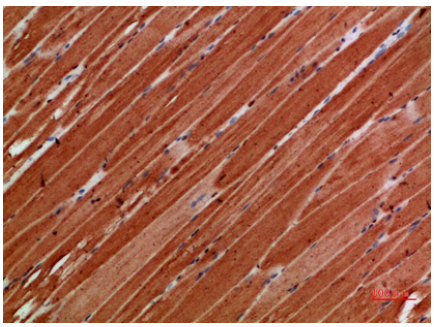
Images



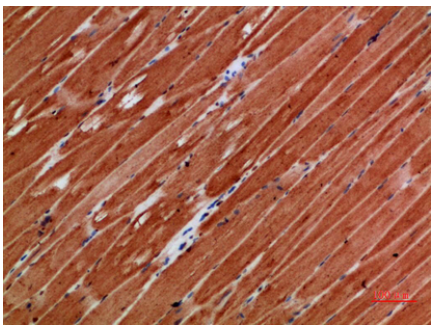
Immunohistochemical analysis of paraffin-embedded human-heart, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-heart, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-skeletal-muscle, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-skeletal-muscle, antibody was diluted at 1:200

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.