BOSTER BIOLOGICAL TECHNOLOGY
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Anti-TTN Antibody (N-term)

Catalog Number: M00540

About TTN

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.

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Overview

Product Name	Anti-TTN Antibody (N-term)
Reactive Species	Human
Description	Boster Bio Anti-TTN Antibody (N-term) (Catalog # M00540). Tested in IHC-P application(s). This antibody reacts with Human.
Application	IHC-P
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q8WZ42

Technical Details

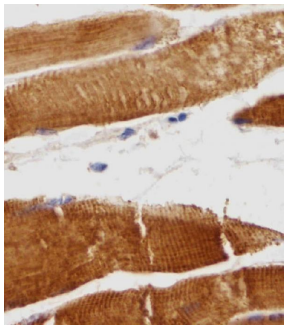
Immunogen	This TTN antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 7169-7203 amino acids from the N-terminal region of human TTN.
Predicted Reactive Species	Mouse
Isotype	Rabbit IgG

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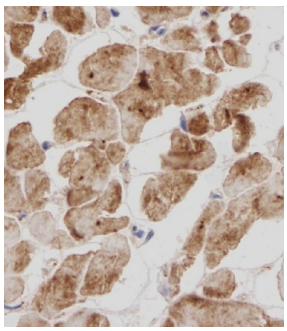
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	IHC-P: 1:500 Tested Species: In-house tested species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.

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Anti-TTN Antibody (N-term) (M00540) Images



Immunohistochemical analysis of TITIN in Human skeletal muscle tissue sections (IHC-P -paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde at room temperature; antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody (1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



Immunohistochemical analysis of TITIN in Human heart tissue sections(IHC-P -paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde at room temperature; antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody (1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.

Anti-TTN Antibody (N-term)

For Research Use Only. Not for use in diagnostic procedures.