BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Nexilin/NEXN Antibody

Catalog Number: A06648-1

About NEXN

Nexilin, Also known as NEXN, NELIN, is a filamentous actin-binding protein that localizes to focal contacts and may be involved in cell adhesion and migration(PMID: 15823560). Nexilin is abundantly expressed in heart and skeletal muscle and has an essential role in the maintenance of Z line and sarcomere integrity(PMID: 12053183, 19881492). Mutations in Nexilin have been associated with cardiomyopathy dilated type 1CC (CMD1CC) and cardiomyopathy familial hypertrophic type 20 (CMH20)(PMID: 19881492, 20970104).

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Overview

Product Name	Anti-Nexilin/NEXN Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Nexilin/NEXN Antibody catalog # A06648-1. Tested in WB, IHC, IF, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt□-20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q0ZGT2

Technical Details

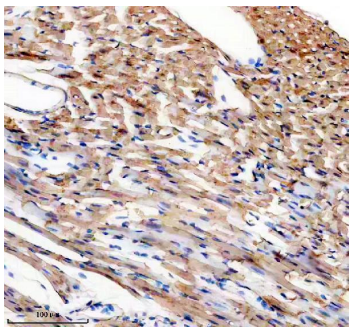
Immunogen	E.coli-derived human Nexilin/NEXN recombinant protein (Position: K111-P358).
Form	Liquid

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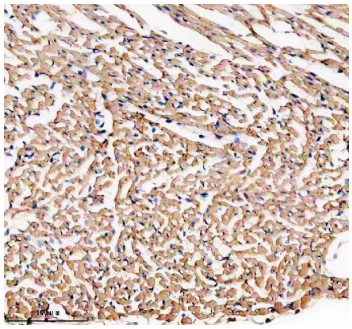
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 Immunofluorescence, 1:50-400 ELISA, 1:100-1000

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Anti-Nexilin/NEXN Antibody (A06648-1) Images



IHC analysis of NEXN using anti-NEXN antibody (A06648-1). NEXN was detected in a paraffin-embedded section of mouse heart tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1:200 rabbit anti-NEXN Antibody (A06648-1) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.



IHC analysis of NEXN using anti-NEXN antibody (A06648-1). NEXN was detected in a paraffin-embedded section of rat heart tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1:200 rabbit anti-NEXN Antibody (A06648-1) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.

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