

Product Datasheet

Alpha Actinin 2 Antibody NBP1-32462

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 2

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NBP1-32462**Alpha Actinin 2 Antibody****Product Information**

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol
Target Molecular Weight	104 kDa

Product Description

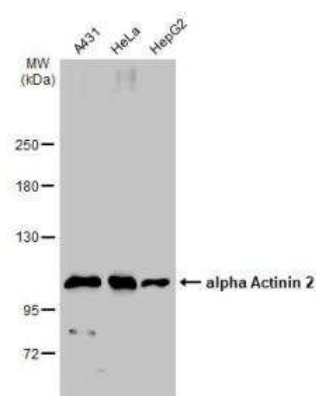
Host	Rabbit
Gene ID	88
Gene Symbol	ACTN2
Species	Human, Mouse, Rat, Porcine, Zebrafish
Reactivity Notes	Xenopus laevis (94%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Alpha Actinin 2. The exact sequence is proprietary.

Product Application Details

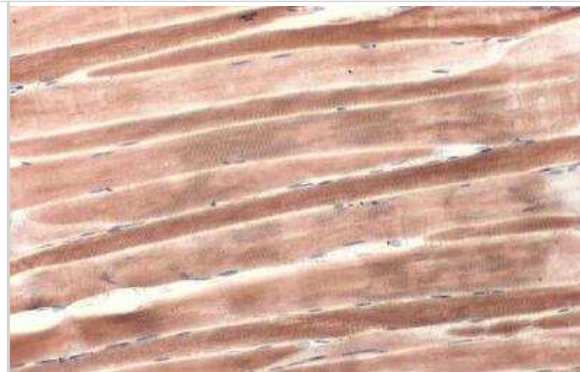
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

Images

Western Blot: Alpha Actinin 2 Antibody [NBP1-32462] - Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with alpha Actinin 2 antibody [N1N3] diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Immunohistochemistry-Paraffin: Alpha Actinin 2 Antibody [NBP1-32462]
- Mouse muscle. alpha Actinin 2 stained by alpha Actinin 2 antibody [N1N3] diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



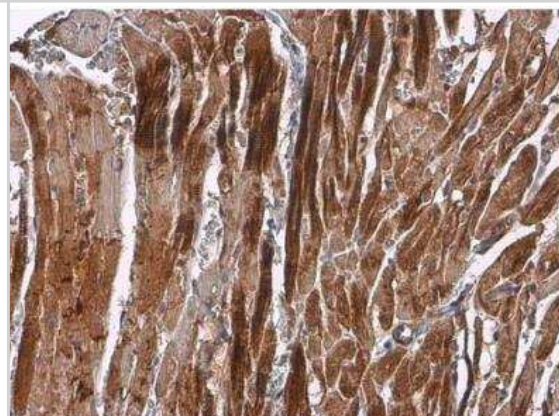
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- Rat muscle. alpha Actinin 2 antibody [N1N3] diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



Immunohistochemistry-Paraffin: Alpha Actinin 2 Antibody [NBP1-32462]
- Mouse heart. Alpha Actinin 2 stained by alpha Actinin 2 antibody [N1N3] diluted at 1:2000. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



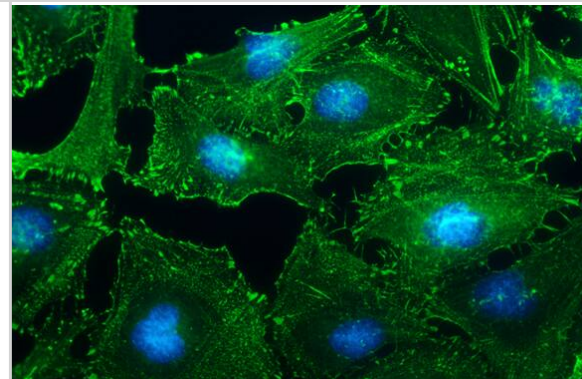
Immunohistochemistry-Paraffin: Alpha Actinin 2 Antibody [NBP1-32462]
- Rat heart, alpha Actinin 2 stained by alpha Actinin 2 antibody [N1N3] diluted at 1:2000. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



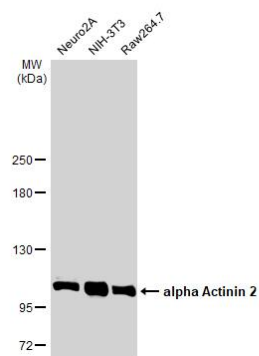
Immunohistochemistry-Paraffin: Alpha Actinin 2 Antibody [NBP1-32462] - Mouse heart. alpha Actinin 2 stained by alpha Actinin 2 antibody [N1N3] diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



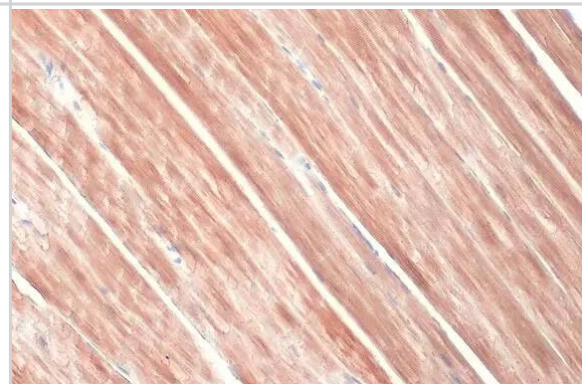
Immunocytochemistry/ Immunofluorescence: Alpha Actinin 2 Antibody [NBP1-32462] - Alpha Actinin 2 antibody [N1N3] detects Alpha Actinin 2 protein at cytoskeleton by immunofluorescent analysis. Sample: HeLa cells were fixed in ice-cold MeOH for 5 min. Green: Alpha Actinin 2 stained by Alpha Actinin 2 antibody [N1N3] (NBP1-32462) diluted at 1:500. Blue: Hoechst 33342 staining.



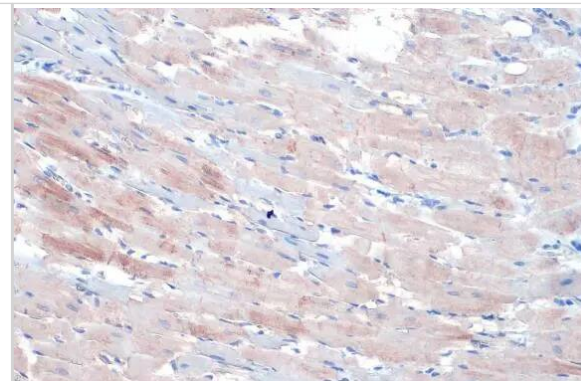
Western Blot: Alpha Actinin 2 Antibody [NBP1-32462] - Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with Alpha Actinin 2 antibody [N1N3] (NBP1-32462) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



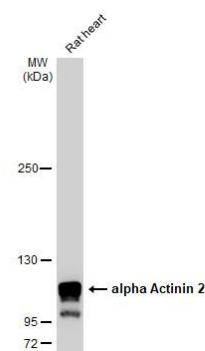
Immunohistochemistry-Paraffin: Alpha Actinin 2 Antibody [NBP1-32462] - Alpha Actinin 2 antibody [N1N3] detects Alpha Actinin 2 protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse muscle. Alpha Actinin 2 stained by Alpha Actinin 2 antibody [N1N3] (NBP1-32462) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



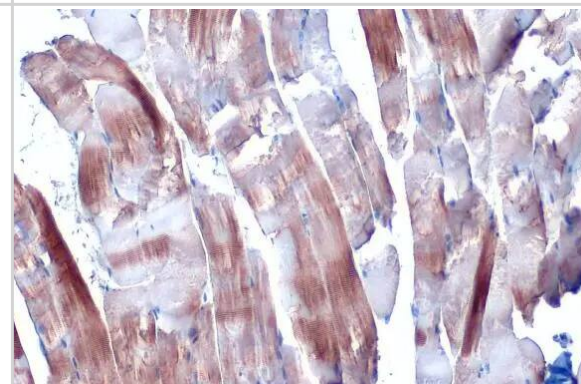
Immunohistochemistry-Paraffin: Alpha Actinin 2 Antibody [NBP1-32462]
 - Alpha Actinin 2 antibody [N1N3] detects Alpha Actinin 2 protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded rat heart. Alpha Actinin 2 stained by Alpha Actinin 2 antibody [N1N3] (NBP1-32462) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



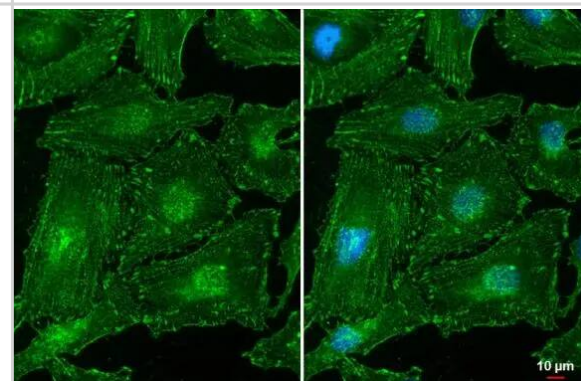
Western Blot: Alpha Actinin 2 Antibody [NBP1-32462] - Rat tissue extract (50 ug) was separated by 5% SDS-PAGE, and the membrane was blotted with Alpha Actinin 2 antibody [N1N3] (NBP1-32462) diluted at 1:20000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



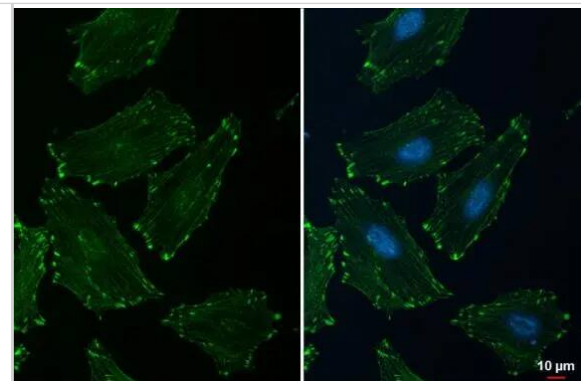
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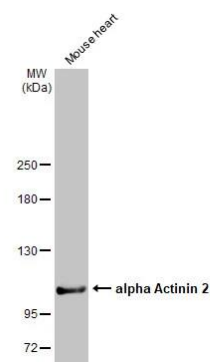
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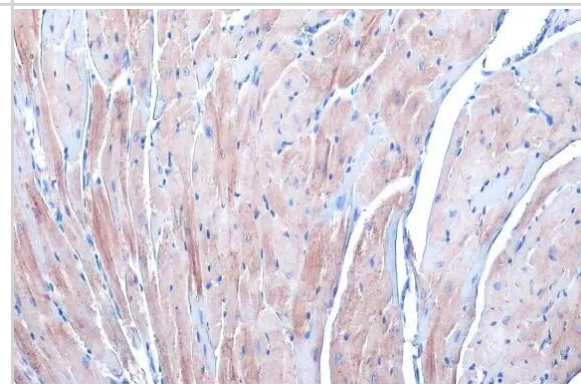
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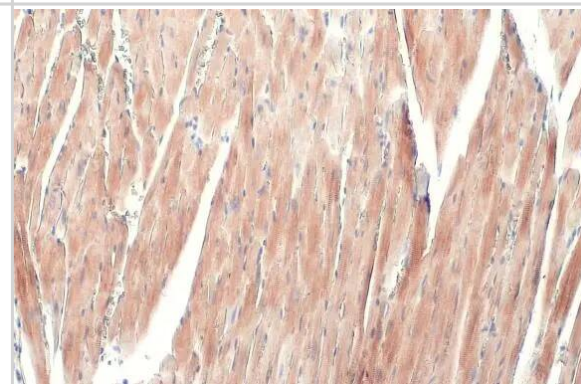
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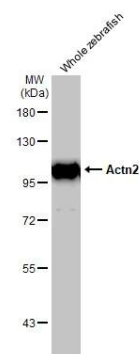
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Western Blot: Alpha Actinin 2 Antibody [NBP1-32462] - Whole zebrafish extract (30 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Alpha Actinin 2 antibody [N1N3] (NBP1-32462) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Publications

Meyers TA Preclinical Models of Dystrophic Cardiomyopathy and Therapies for the Dystrophic Heart Thesis (IF/IHC, Mouse)

Meyers TA, Heitzman JA, Krebsbach AM et al. Acute AT1R blockade prevents isoproterenol-induced injury in mdx hearts. J. Mol. Cell. Cardiol. 2019-01-19 [PMID: 30664850] (ICC/IF, Mouse)



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Products Related to NBP1-32462

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-90376PEP	Alpha Actinin 2 Recombinant Protein Antigen

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