

# Product Datasheet

## Alpha Actinin 2 Antibody (ACTN2/3293) - Azide and BSA Free NBP2-79839

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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Updated 7/16/2024 v.20.1

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**NBP2-79839**

Alpha Actinin 2 Antibody (ACTN2/3293) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	ACTN2/3293
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	103 kDa

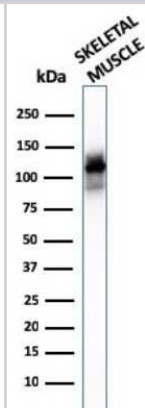
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-79705).  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	88
Gene Symbol	ACTN2
Species	Human
Immunogen	A recombinant fragment (aa557-692) of human Alpha Actinin 2 protein (exact sequence is proprietary) (Uniprot: P35609)

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Western Blot 1-2 ug/ml, Immunohistochemistry 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

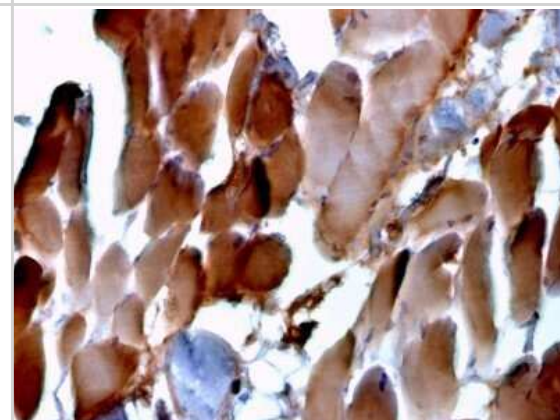


## Images

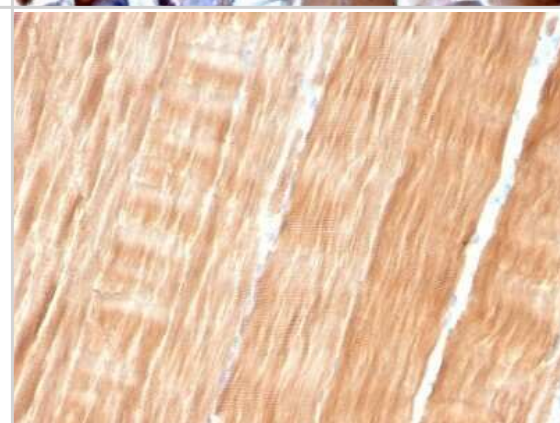
Western Blot: Alpha Actinin 2 Antibody (ACTN2/3293) - Azide and BSA Free [NBP2-79839] - Western Blot of human skeletal muscle tissue lysates using Alpha Actinin 2 Antibody (ACTN2/3293).



Immunohistochemistry-Paraffin: Alpha Actinin 2 Antibody (ACTN2/3293) - Azide and BSA Free [NBP2-79839] - Formalin-fixed, paraffin-embedded human cardiac muscle stained with Alpha Actinin 2 Antibody (ACTN2/3293).



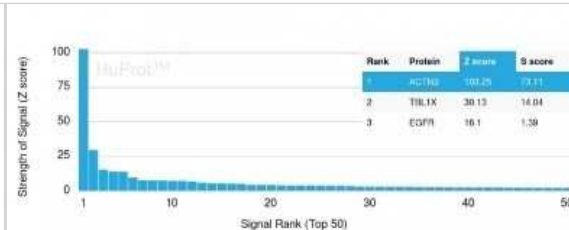
Immunohistochemistry-Paraffin: Alpha Actinin 2 Antibody (ACTN2/3293) - Azide and BSA Free [NBP2-79839] - Formalin-fixed, paraffin-embedded human Skeletal Muscle stained with Alpha Actinin 2 Antibody (ACTN2/3293).



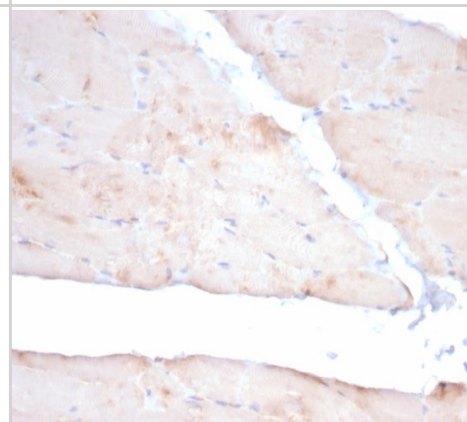
Immunohistochemistry-Paraffin: Alpha Actinin 2 Antibody (ACTN2/3293) - Azide and BSA Free [NBP2-79839] - Formalin-fixed, paraffin-embedded human Skeletal Muscle stained with Alpha Actinin 2 Antibody (ACTN2/3293).



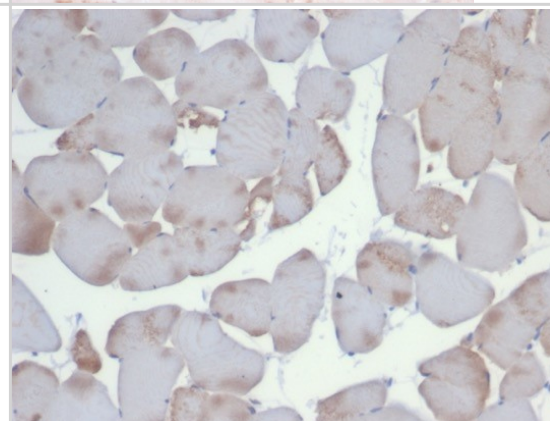
Protein Array: Alpha Actinin 2 Antibody (ACTN2/3293) - Azide and BSA Free [NBP2-79839] - Analysis of Protein Array containing more than 19,000 full-length human proteins using Alpha Actinin 2 Antibody (ACTN2/3293). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluoresc



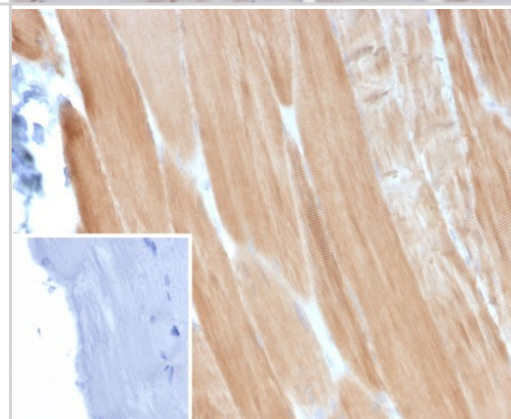
Formalin-fixed, paraffin-embedded dog skeletal muscle stained with Alpha Actinin 2 antibody (ACTN2/3293).



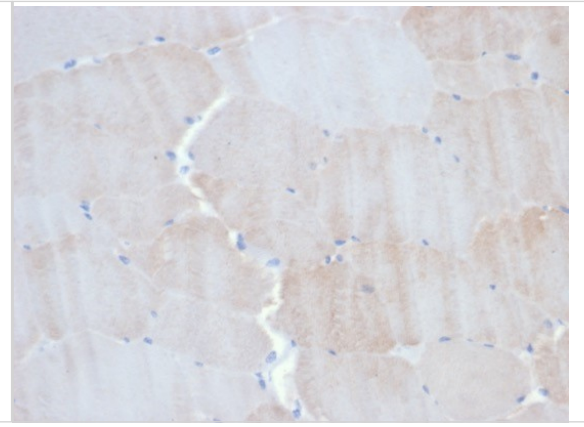
Formalin-fixed, paraffin-embedded cow skeletal muscle stained with Alpha Actinin 2 antibody (ACTN2/3293).



Formalin-fixed, paraffin-embedded human Skeletal Muscle stained with Alpha Actinin 2 antibody (ACTN2/3293). Inset: PBS instead of primary antibody; secondary only negative control.



Formalin-fixed, paraffin-embedded horse skeletal muscle stained with Alpha Actinin 2 antibody (ACTN2/3293).





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### **Products Related to NBP2-79839**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-90376PEP	Alpha Actinin 2 Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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