

# Product Datasheet

## Alpha Actinin 2 Antibody (ACTN2/3292) NBP2-79704-100ug

Unit Size: 100 ug

Store at 4C.

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**NBP2-79704-100ug**

Alpha Actinin 2 Antibody (ACTN2/3292)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	ACTN2/3292
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	103 kDa

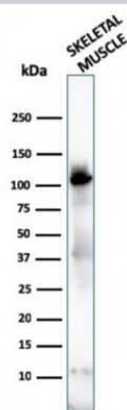
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-79838)  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 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

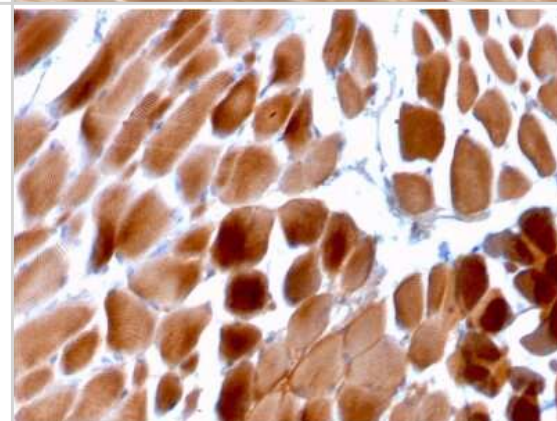
Western Blot: Alpha Actinin 2 Antibody (ACTN2/3292) [NBP2-79704] - Western Blot of human skeletal muscle tissue lysates using Alpha Actinin 2 Antibody (ACTN2/3292).



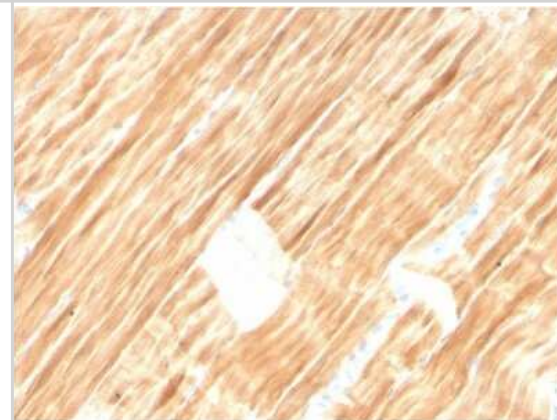
Immunohistochemistry-Paraffin: Alpha Actinin 2 Antibody (ACTN2/3292) [NBP2-79704] - Formalin-fixed, paraffin-embedded human Skeletal Muscle stained with Alpha Actinin 2 Antibody (ACTN2/3292).



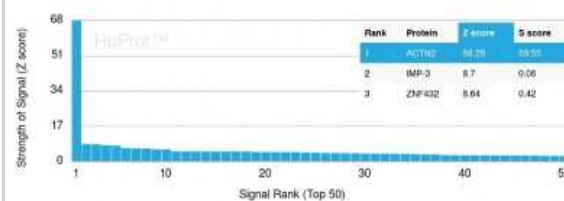
Immunohistochemistry-Paraffin: Alpha Actinin 2 Antibody (ACTN2/3292) [NBP2-79704] - Formalin-fixed, paraffin-embedded human Cardiac Muscle stained with Alpha Actinin 2 Antibody (ACTN2/3292).



Immunohistochemistry-Paraffin: Alpha Actinin 2 Antibody (ACTN2/3292) [NBP2-79704] - Formalin-fixed, paraffin-embedded human Skeletal Muscle stained with Alpha Actinin 2 Antibody (ACTN2/3292).



**Protein Array: Alpha Actinin 2 Antibody (ACTN2/3292) [NBP2-79704] - Analysis of Protein Array containing more than 19,000 full-length human proteins using Alpha Actinin 2 Antibody (ACTN2/3292). Z- and S- Score:** The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5.





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### **Products Related to NBP2-79704-100ug**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
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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