

Product Datasheet

Alpha Actinin 2 Antibody (ACTN2/3293) NBP2-79705-100ug

Unit Size: 100 ug

Store at 4C.

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Updated 10/23/2024 v.20.1

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NBP2-79705-100ug

Alpha Actinin 2 Antibody (ACTN2/3293)

| Product Information | |
|-------------------------|--------------------------|
| Unit Size | 100 ug |
| Concentration | 0.2 mg/ml |
| Storage | Store at 4C. |
| Clonality | Monoclonal |
| Clone | ACTN2/3293 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Purity | Protein A or G purified |
| Buffer | 10 mM PBS with 0.05% BSA |
| Target Molecular Weight | 103 kDa |

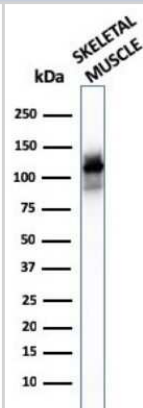
| Product Description | |
|---------------------|--|
| Description | 200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-79839) Antibody with azide - store at 2 to 8C. Antibody 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) [NBP2-79705] - Western Blot of human skeletal muscle tissue lysates using Alpha Actinin 2 Antibody (ACTN2/3293).



Immunohistochemistry-Paraffin: Alpha Actinin 2 Antibody (ACTN2/3293) [NBP2-79705] - Formalin-fixed, paraffin-embedded human cardiac muscle stained with Alpha Actinin 2 Antibody (ACTN2/3293).



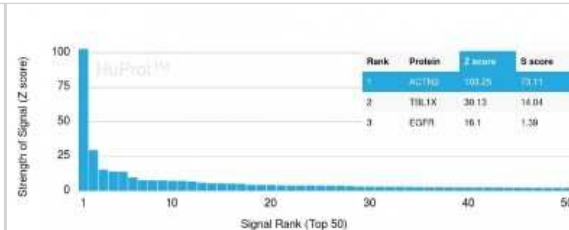
Immunohistochemistry-Paraffin: Alpha Actinin 2 Antibody (ACTN2/3293) [NBP2-79705] - Formalin-fixed, paraffin-embedded human Skeletal Muscle stained with Alpha Actinin 2 Antibody (ACTN2/3293).



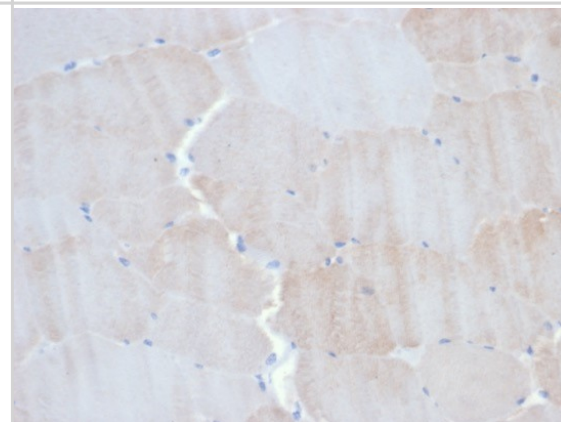
Immunohistochemistry-Paraffin: Alpha Actinin 2 Antibody (ACTN2/3293) [NBP2-79705] - Formalin-fixed, paraffin-embedded human Skeletal Muscle stained with Alpha Actinin 2 Antibody (ACTN2/3293).



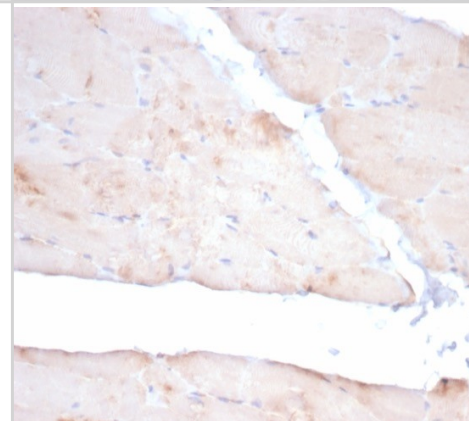
Protein Array: Alpha Actinin 2 Antibody (ACTN2/3293) [NBP2-79705] -
Analysis of Protein Array containing more than 19,000 full-length human
proteins using Alpha Actinin 2 Antibody (ACTN2/3293). Z- and S- Score:
 The Z-score represents the strength of a signal that a monoclonal
 antibody (MAb) (in combination with a 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.



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



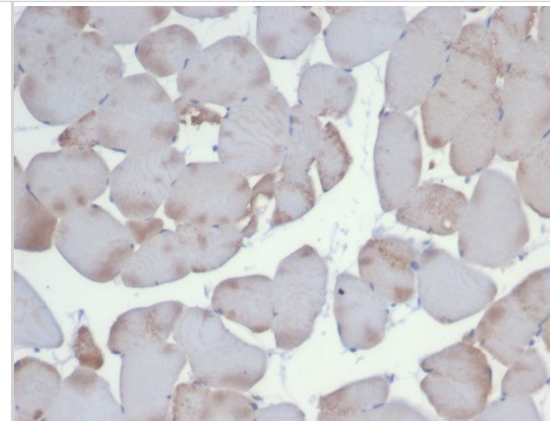
Formalin-fixed, paraffin-embedded dog skeletal muscle stained with
 Alpha Actinin 2 antibody (ACTN2/3293).



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 cow skeletal muscle stained with Alpha Actinin 2 antibody (ACTN2/3293).





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Products Related to NBP2-79705-100ug

| | |
|------------------|---|
| 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 |

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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