

Product Datasheet

alpha-Actinin 1 Antibody - BSA Free NBP1-85791

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-85791

alpha-Actinin 1 Antibody - BSA Free

| 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 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Affinity purified |
| Buffer | PBS (pH 7.2) and 40% Glycerol |

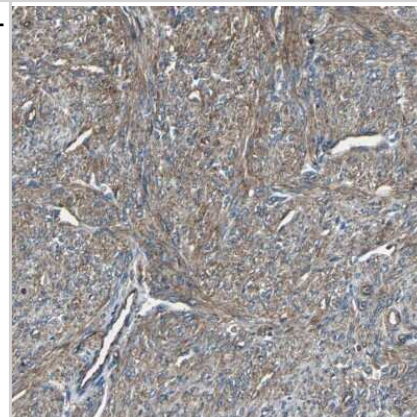
| Product Description | |
|---------------------|--|
| Description | Novus Biologicals Rabbit alpha-Actinin 1 Antibody - BSA Free (NBP1-85791) is a polyclonal antibody validated for use in IHC and WB. Anti-alpha-Actinin 1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 87 |
| Gene Symbol | ACTN1 |
| Species | Human, Mouse, Rat, Canine |
| Reactivity Notes | Reactivity reported in scientific literature (PMID: 23435261). Canine reactivity per customer review. |
| Marker | Z-disk Marker |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: SAKEGLLLWCQRKTAPYKKNVNIQNFHISWKDGLGFCALHRHRPELIDYGKLRK DDPLTNLNTAFDVAEKYLDIPKMLDAEDIVGTARPDEKAIMTYVSSFYHAFSGA QKAETAANRICKV |

| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry |
| Recommended Dilutions | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. |

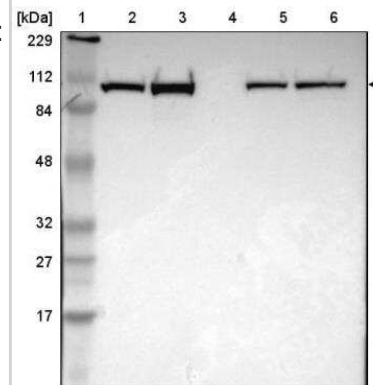


Images

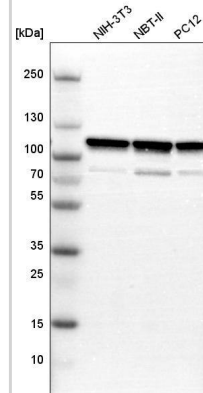
Immunohistochemistry-Paraffin: alpha-Actinin 1 Antibody [NBP1-85791] - Staining of human smooth muscle shows cytoplasmic positivity in smooth muscle cells.



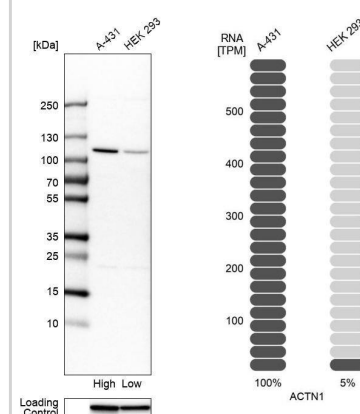
Western Blot: alpha-Actinin 1 Antibody [NBP1-85791] - Lane 1: Marker [kDa] 229, 112, 84, 48, 32, 27, 17. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp. Lane 4: Human plasma (IgG/HSA depleted). Lane 5: Human liver tissue. Lane 6: Human tonsil tissue



Analysis in mouse cell line NIH-3T3, rat cell line NBT-II and rat cell line pC12.



Analysis in human cell lines A-431 and HEK293 using Anti-ACTN1 antibody. Corresponding ACTN1 RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



Publications

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. Nat Methods 2013-04-01 [PMID: 23435261]



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Products Related to NBP1-85791

| | |
|---------------|---|
| NBP1-85791PEP | alpha-Actinin 1 Recombinant Protein Antigen |
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |

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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