

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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

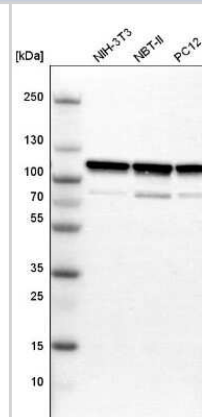
Product Description	
Host	Rabbit
Gene ID	87
Gene Symbol	ACTN1
Species	Human, Mouse, Rat, Canine
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23435261). Canine reactivity per customer review.
Marker	Z-disk Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SAKEGLLLWCQRKTAPYKNVNIQNFHISWKDGLGFCALIHRRHRPELIDYGKLRK DDPLTNLNTAFDVAEKYLDIPKMLDAEDIVGTARPDEKAIMTYVSSFYHAFSGA QKAETAANRICKV

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
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.

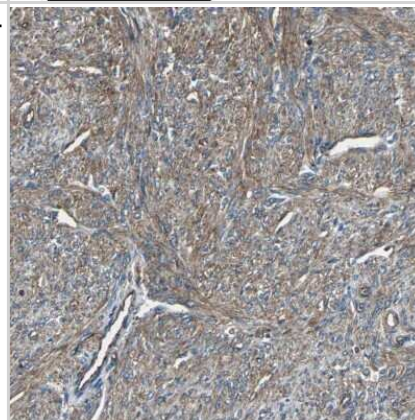


Images

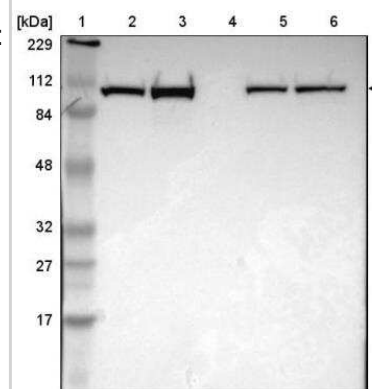
Western Blot: alpha-Actinin 1 Antibody [NBP1-85791] - Analysis in mouse cell line NIH-3T3, rat cell line NBT-II and rat cell line pC12.



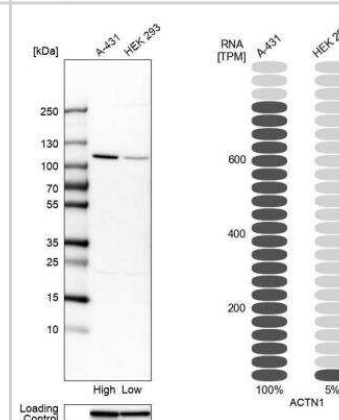
Immunohistochemistry-Paraffin: alpha-Actinin 1 Antibody [NBP1-85791] - Staining of human smooth muscle shows cytoplasmic positivity in smooth muscle cells.



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



Western Blot: alpha-Actinin 1 Antibody [NBP1-85791] - Analysis in human cell lines A-431 and HEK293. Corresponding 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
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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