

# Product Datasheet

## alpha-Actinin 1 Antibody - BSA Free NBP1-32578

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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Updated 9/25/2025 v.20.1

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**NBP1-32578**

alpha-Actinin 1 Antibody - BSA Free

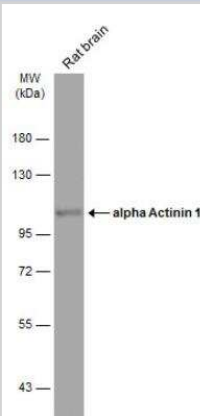
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	0.1M Tris, 0.1M Glycine, 10% Glycerol
Target Molecular Weight	103 kDa

Product Description	
Description	Novus Biologicals Rabbit alpha-Actinin 1 Antibody - BSA Free (NBP1-32578) 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
Marker	Z-disk Marker
Immunogen	Recombinant protein encompassing a sequence within the center region of human alpha-Actinin 1. The exact sequence is proprietary.

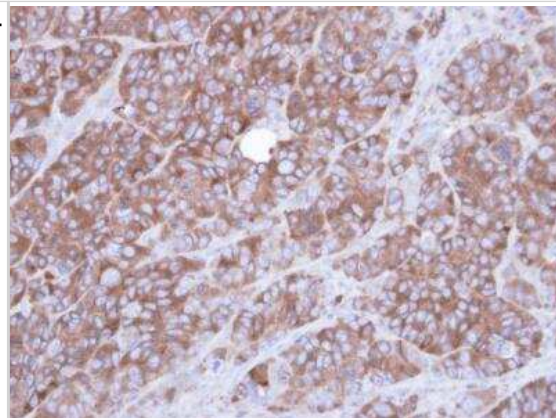
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 10 - 1:500, Immunohistochemistry-Paraffin 1:100-1:1000

**Images**

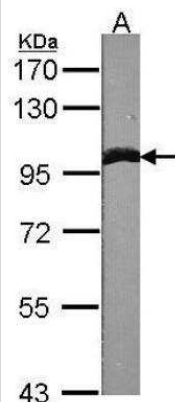
Western Blot: alpha-Actinin 1 Antibody [NBP1-32578] - Rat tissue extract (50 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with alpha-Actinin 1 antibody diluted at 1:1000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



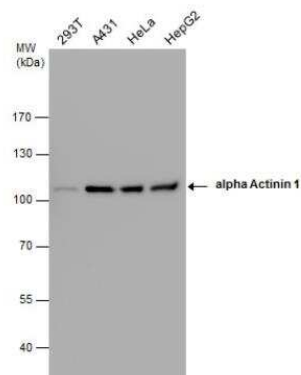
Immunohistochemistry-Paraffin: alpha-Actinin 1 Antibody [NBP1-32578] - Paraffin-embedded SW480 xenograft, using antibody at 1:100 dilution.



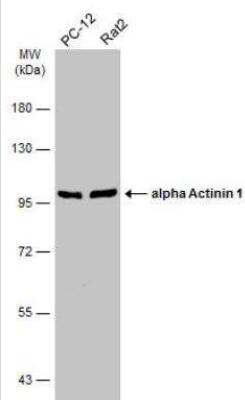
Western Blot: alpha-Actinin 1 Antibody [NBP1-32578] - A:NIH-3T3.



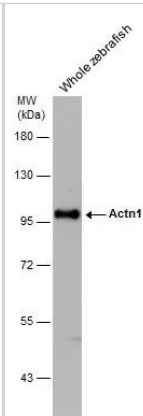
Western Blot: alpha-Actinin 1 Antibody [NBP1-32578] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with alpha Actinin 1 antibody diluted at a dilution of 1:1000.



Western Blot: alpha-Actinin 1 Antibody [NBP1-32578] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with alpha-Actinin 1 antibody diluted at 1:1000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



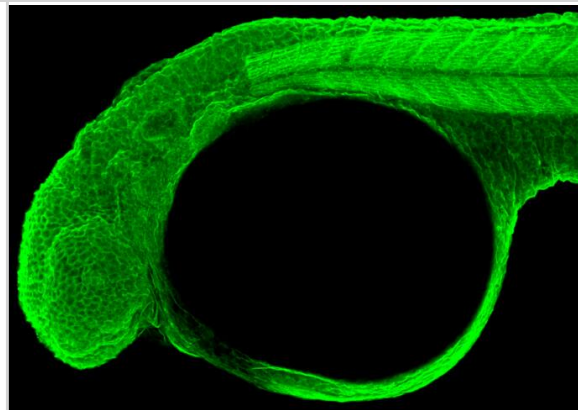
Western Blot: alpha-Actinin 1 Antibody [NBP1-32578] - Whole zebrafish extract (30 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with alpha-Actinin 1 antibody [N2N3] (NBP1-32578) diluted at 1:1000.



Immunohistochemistry: alpha-Actinin 1 Antibody [NBP1-32578] - alpha-Actinin 1 antibody [N2N3] detects alpha-Actinin 1 protein on zebrafish by whole mount immunohistochemical analysis.

Sample: 2 days-post-fertilization zebrafish embryo.

alpha-Actinin 1 antibody [N2N3] (NBP1-32578) dilution: 1:50.



## Publications

HosseiniBarkoie S, Peters M, Benito LT et al. The Power of Human Protective Modifiers: PLS3 and CORO1C Unravel Impaired Endocytosis in Spinal Muscular Atrophy and Rescue SMA Phenotype. Am J Hum Genet. 2016-08-04 [PMID: 27499521] (WB, Mouse)



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### **Products Related to NBP1-32578**

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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

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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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