

Product Datasheet

Alpha Actinin 4 Antibody - BSA Free NBP2-15357

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-15357

Updated 9/25/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-15357



NBP2-15357

Alpha Actinin 4 Antibody - BSA Free

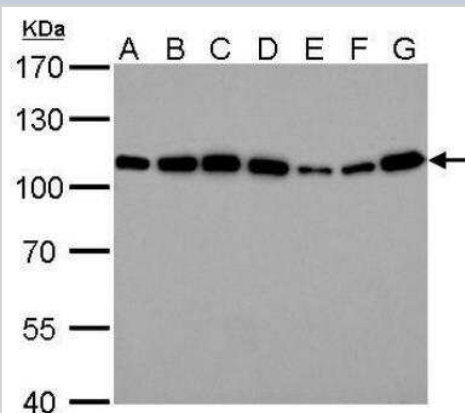
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	0.1M Tris, 0.1M Glycine, 20% Glycerol
Target Molecular Weight	105 kDa

Product Description	
Description	Novus Biologicals Rabbit Alpha Actinin 4 Antibody - BSA Free (NBP2-15357) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	81
Gene Symbol	ACTN4
Species	Human, Mouse, Rat
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of human Alpha Actinin 4. The exact sequence is proprietary.

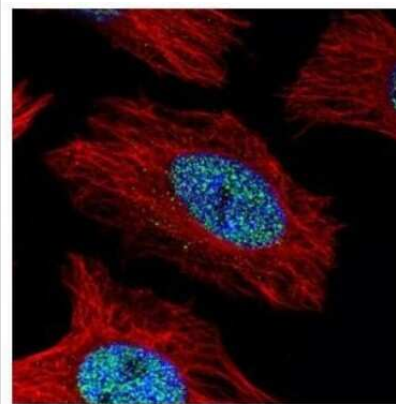
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:3000, Simple Western 32 ug/mL, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

Images

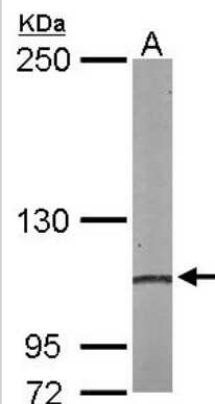
Western Blot: Alpha Actinin 4 Antibody [NBP2-15357] - Alpha Actinin 4 antibody detects ACTN4 protein by western blot analysis. A. 30 ug Neuro2A whole cell lysate/extract. B. 30 ug GL261 whole cell lysate/extract. C. 30 ug C8D30 whole cell lysate/extract. D. 30 ug NIH-3T3 whole cell lysate/extract. E. 30 ug BCL-1 whole cell lysate/extract. F. 30 ug Raw264.7 whole cell lysate/extract. G. 30 ug C2C12 whole cell lysate/extract. 7.5% SDS-PAGE. Alpha Actinin 4 antibody dilution: 1:1000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



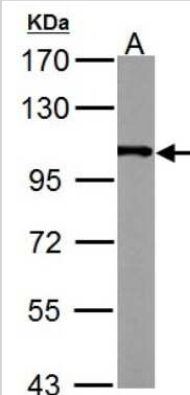
Immunocytochemistry/Immunofluorescence: Alpha Actinin 4 Antibody [NBP2-15357] - Paraformaldehyde-fixed HeLa, using alpha Actinin 4 antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with an alpha Tubulin antibody (Red) at 1:2000.



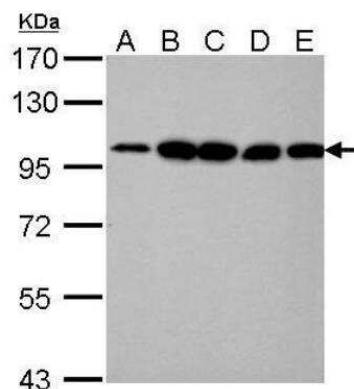
Western Blot: Alpha Actinin 4 Antibody [NBP2-15357] - Sample (50 ug of whole cell lysate) A: Mouse brain 5% SDS PAGE; antibody diluted at 1:1000.



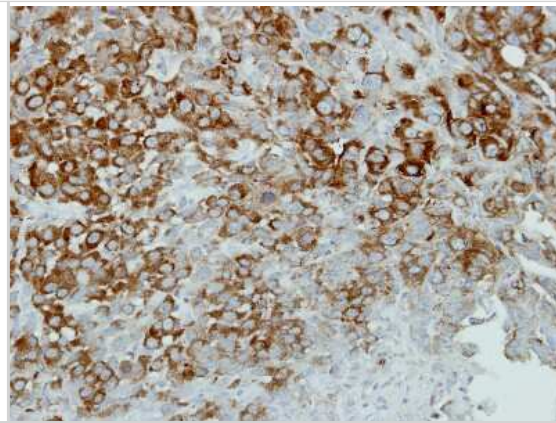
Western Blot: Alpha Actinin 4 Antibody [NBP2-15357] - 30 ug PC-12 whole cell lysate/extract 7.5% SDS-PAGE gel, antibody dilution 1:1000.



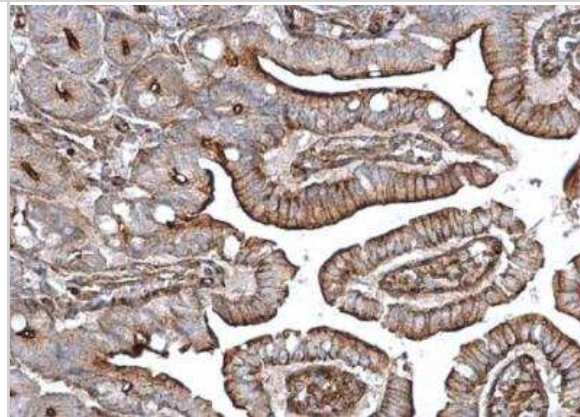
Western Blot: Alpha Actinin 4 Antibody [NBP2-15357] - A. 30 ug 293T whole cell lysate/extract B. 30 ug A431 whole cell lysate/extract C. 30 ug HeLa whole cell lysate/extract D. 30 ug HepG2 whole cell lysate/extract E. 30 ug A375 whole cell lysate/extract 7.5% SDS-PAGE dilution: 1:1000



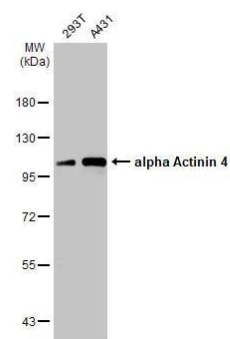
Immunohistochemistry-Paraffin: Alpha Actinin 4 Antibody [NBP2-15357]
- A549 xenograft, using alpha Actinin 4 antibody at 1:500 dilution.
Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Immunohistochemistry-Paraffin: Alpha Actinin 4 Antibody [NBP2-15357]
- Mouse intestine. alpha Actinin 4 antibody [C2C3], C-term dilution:
1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE,
and the membrane was blotted with alpha Actinin 4 antibody [C2C3], C-
term (NBP2-15357) diluted at 1:1000. The HRP-conjugated anti-rabbit
IgG antibody was used to detect the primary antibody.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-15357

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.

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-15357

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

