

Product Datasheet

Spectrin beta 3 Antibody - BSA Free NB110-58346

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB110-58346

Updated 10/23/2024 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/NB110-58346



NB110-58346

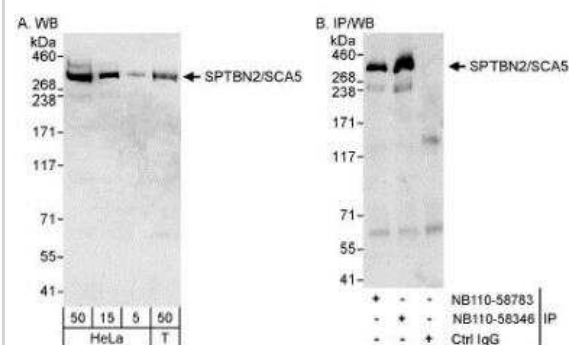
Spectrin beta 3 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
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
Target Molecular Weight	271 kDa
Product Description	
Host	Rabbit
Gene ID	6712
Gene Symbol	SPTBN2
Species	Human, Mouse
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:32052742).
Immunogen	The epitope recognized by this antibody maps to a C-terminal region between residue 2340 and 2390 of Spectrin beta 3 using the numbering given in entry NP_008877.1
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry 10-20 ug/ml, Immunocytochemistry/ Immunofluorescence reported in scientific literature (PMID 32052742), Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 10-20 ug/ml
Application Notes	The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.

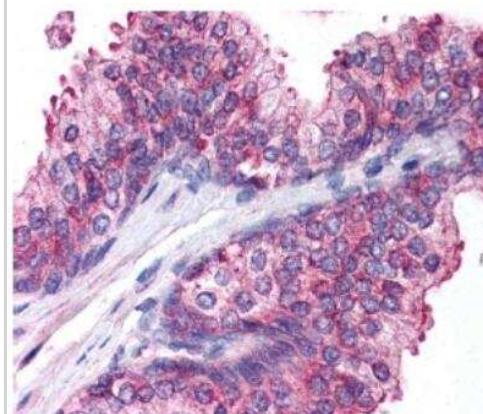


Images

Western Blot: Spectrin beta 3 Antibody [NB110-58346] - Detection of Human Spectrin beta 3 on HeLa whole cell lysates using NB110-58346. Spectrin beta 3 was also immunoprecipitated by rabbit anti-Spectrin beta 3 antibody NB110-58783.



Immunohistochemistry-Paraffin: Spectrin beta 3 Antibody [NB110-58346] - Detection of Spectrin beta 3 in human prostate epithelium.



Publications

Stevens SR, van der Heijden ME, Ogawa Y Et al. Ankyrin-R links Kv3.3 to the spectrin cytoskeleton and is required for Purkinje neuron survival The Journal of neuroscience : the official journal of the Society for Neuroscience 2021-11-11 [PMID: 34785580] (WB)

Liu CH, Stevens SR, Teliska LH et al. Nodal beta spectrins are required to maintain Na⁺ channel clustering and axon integrity Elife 2020-02-13 [PMID: 32052742] (ICC/IF, Mouse)



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 NB110-58346

NB800-PC1	HeLa Whole Cell Lysate
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/NB110-58346

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

