

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.

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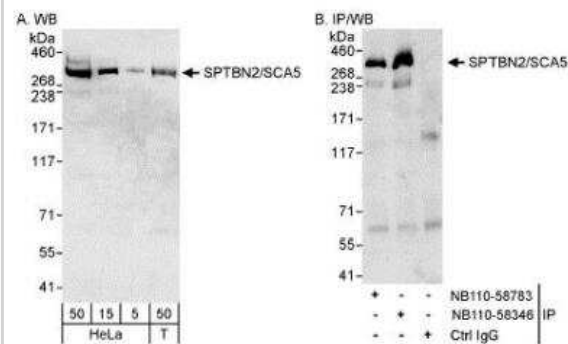


NB110-58346**Spectrin beta 3 Antibody - BSA Free**

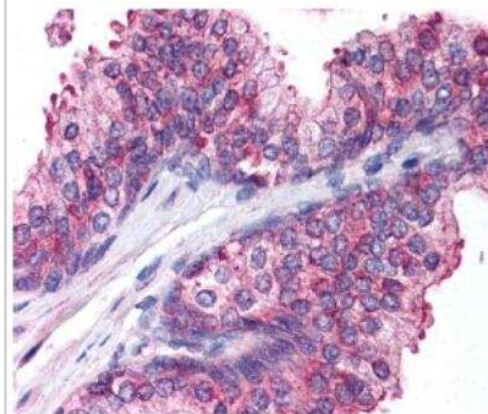
Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS
Target Molecular Weight	271 kDa
Product Description	
Description	Novus Biologicals Rabbit Spectrin beta 3 Antibody - BSA Free (NB110-58346) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-Spectrin beta 3 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
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, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, 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

Ding, X;Wu, Y;Vainshtein, A;Rodriguez, V;Ricco, E;Okoh, JT;Liu, Y;Kraushaar, DC;Peles, E;Rasband, MN; Age-dependent regulation of axoglial interactions and behavior by oligodendrocyte AnkyrinG. Nature communications 2024-12-30 [PMID: 39738113]

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)



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Products Related to NB110-58346

NB800-PC1	HeLa Whole Cell Lysate
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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