

Product Datasheet

Alpha Fodrin Antibody NBP1-92696SS

Unit Size: 0.025 ml

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

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NBP1-92696SS**Alpha Fodrin Antibody**

Product Information	
Unit Size	0.025 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.035% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	50% PBS, 50% Glycerol
Target Molecular Weight	240 kDa

Product Description	
Host	Rabbit
Gene ID	6709
Gene Symbol	SPTAN1
Species	Human, Mouse, Rat
Immunogen	Recombinant construct containing the 7th, 8th and 9th spectrin repeats of human Alpha Fodrin (amino acids 676-1043). [UniProt# Q13813]

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:5000-1:10000, Immunohistochemistry 1:500-1:1000, Immunocytochemistry/ Immunofluorescence 1:500-1:1000
Application Notes	This Alpha Fodrin antibody is useful for Immunocytochemistry/Immunofluorescence and Western blot, where a band can be seen at approximately 240 kDa.

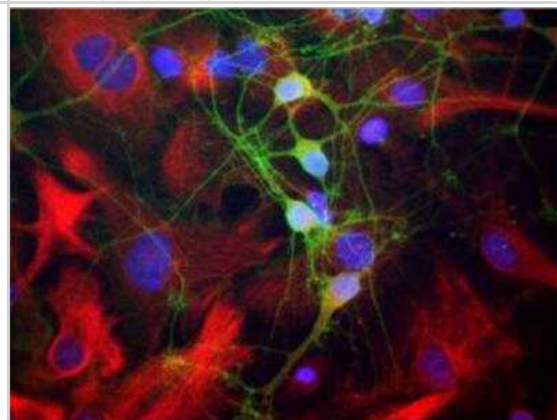


Images

Western Blot: Alpha Fodrin Antibody [NBP1-92696] - Western blot of mouse sciatic nerve extract (lanes 1 and 2) and brain homogenate (3). A prominent band running at 240kDa represents the intact Alpha Fodrin heavy chain. More minor bands below this likely represent in vivo proteolytic fragments of Alpha Fodrin.



Immunocytochemistry/Immunofluorescence: Alpha Fodrin Antibody [NBP1-92696] - Mixed neuron-glial cultures stained with rabbit antibody to Alpha Fodrin (NBP1-92696, green) and mouse polyclonal antibody to Nestin (red). The Alpha Fodrin antibody stains numerous axonal and dendritic profiles in these cultures, clearly revealing the submembraneous cytoskeleton. Since Alpha Fodrin is specific for neurons in the CNS, the glial cells in this culture are not recognized by this 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

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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