

Product Datasheet

GAP-43 Antibody (3H14) - BSA Free **NBP3-05535-100ul**

Unit Size: 100 ul

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-05535

Updated 2/26/2025 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/NBP3-05535



NBP3-05535-100ul

GAP-43 Antibody (3H14) - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3H14
Preservative	0.035% Sodium Azide
Isotype	IgM
Purity	Immunogen affinity purified
Buffer	50% PBS, 50% glycerol
Target Molecular Weight	43 kDa

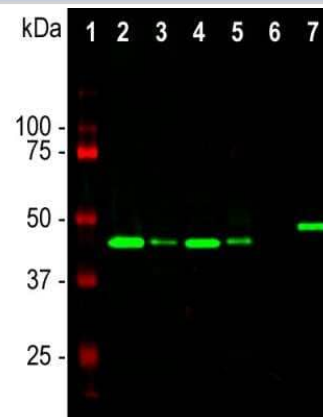
Product Description	
Host	Mouse
Gene ID	2596
Gene Symbol	GAP43
Species	Human, Mouse, Rat
Immunogen	Recombinant full-length Human GAP-43

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:5000, Immunohistochemistry 1:1000-5000, Immunocytochemistry/ Immunofluorescence 1:1000-1:5000

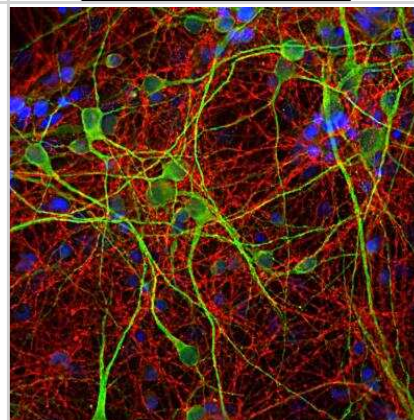


Images

Western Blot: GAP-43 Antibody [NBP3-05535] - Western blot analysis of different tissue and cell lysates using GAP-43 Antibody at a dilution of 1:5,000, in green: [1] protein standard (red), [2] rat brain, [3] rat spinal cord, [4] mouse brain, [5] mouse spinal cord, [6] C6 cells, [7] SH-SY5Y cells. The single band at the 43kDa mark corresponds to the GAP-43 protein. The protein is expressed in rodent and human neurons and neuronal derived cells but not in C6 cells which are of glial origin.



Immunocytochemistry/Immunofluorescence: GAP-43 Antibody [NBP3-05535] - Immunofluorescent analysis of cortical neuron-glia cell culture from E20 rat stained with GAP-43 Antibody at a dilution of 1:1,000, in red, and costained with chicken pAb to MAP2 at a dilution of 1:10,000, in green. The blue is DAPI staining of nuclear DNA. GAP-43 antibody labels protein expressed in the axonal membrane of the neuronal cells, while the MAP2 antibody stains dendrites and perikarya of neurons.





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 NBP3-05535-100ul

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-62224	Mouse IgM Isotype Control (PFR-03)
NBP2-53033-20ug	Recombinant Human GAP-43 His Protein

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/NBP3-05535

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

