

Product Datasheet

RGS14 Antibody (N133/21) - Chimeric - Azide and BSA Free NBP3-52343

Unit Size: 100 ul

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

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NBP3-52343

RGS14 Antibody (N133/21) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	N133/21
Preservative	No Preservative
Isotype	IgY
Purity	Affinity purified
Buffer	PBS
Target Molecular Weight	60 kDa

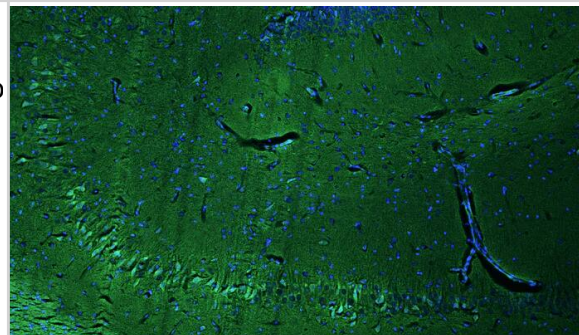
Product Description	
Description	This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of clone N133/21 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone N133/21 but can be detected using standard anti-chicken secondary antibodies allowing flexibility for multiplexing applications. This antibody is expressed recombinantly in HEK293 cells and then affinity purified from the cell culture media and buffer exchanged into 1X PBS.
Host	Chicken
Gene ID	10636
Gene Symbol	RGS14
Species	Mouse, Rat
Specificity/Sensitivity	Does not react with RGS12
Immunogen	Fusion protein amino acids 1-544 (full-length) of rat RGS14 (Uniprot#: O08773) produced recombinantly in E. Coli

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry -Free Floating, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin

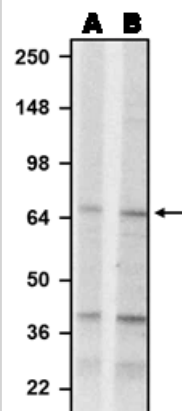


Images

Representative section of formalin fixed, paraffin-embedded rat brain hippocampus region showing cells stained NBP3-52342 (the BSA Free version of this antibody) using goat anti-chicken IgY secondary antibody (green). DAPI nuclear stain (blue) shows cell nuclei. This antibody specifically stains the pyramidal neurons in the CA2 region of the hippocampus.



Western blotting of rat brain homogenate with RGS14 mouse monoclonal antibody (A) and NBP3-52342 (the BSA Free version of this antibody) (B). These antibodies were detected with anti-mouse-HRP and anti-chicken-HRP, respectively. NBP3-52342 (the BSA Free version of this antibody) recognizes endogenous RGS14 with similar sensitivity as the RGS14 mouse monoclonal antibody in the rat brain homogenate at ~60 kDa





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 NBP3-52343

BAF010	Goat anti-Chicken IgY Secondary Antibody [Biotin]
NB7276	Goat anti-Chicken IgM Heavy Chain Secondary Antibody
NBP1-98906-20ug	Recombinant Human RGS14 His Protein
NBP2-07614	RGS14 Overexpression Lysate

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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