

Product Datasheet

RGS14 Antibody (N133/21) - Chimeric - BSA Free NBP3-52342-100ul

Unit Size: 100 ul

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

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Updated 6/11/2026 v.20.1

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NBP3-52342-100ul

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

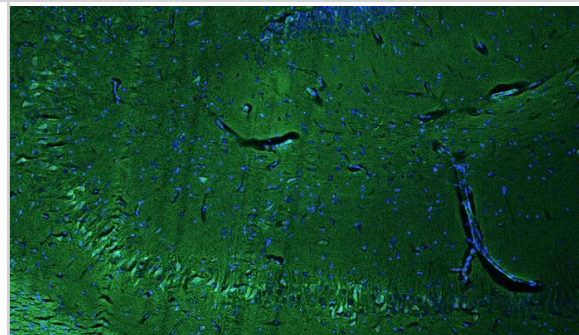
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	N133/21
Preservative	0.05% Sodium Azide
Isotype	IgY
Purity	Affinity purified
Buffer	1X PBS (pH 7.4)
Target Molecular Weight	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.
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

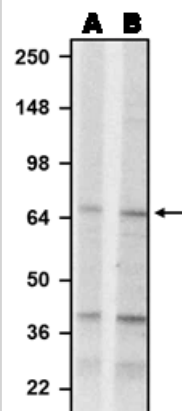
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, ELISA, Immunohistochemistry -Free Floating 1:500, Immunocytochemistry/ Immunofluorescence 1:500, Immunohistochemistry-Paraffin 1:500

Images

Representative section of formalin fixed, paraffin-embedded rat brain hippocampus region showing cells stained NBP3-52342 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 (B). These antibodies were detected with anti-mouse-HRP and anti-chicken-HRP, respectively. NBP3-52342 recognizes endogenous RGS14 with similar sensitivity as the RGS14 mouse monoclonal antibody in the rat brain homogenate at ~60 kDa





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Products Related to NBP3-52342-100ul

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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