

Product Datasheet

Scn1a Antibody (K74/71) - Chimeric - BSA Free NBP3-52336-100ul

Unit Size: 100 ul

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

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NBP3-52336-100ul

Scn1a Antibody (K74/71) - 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	K74/71
Preservative	0.05% Sodium Azide
Isotype	IgY
Purity	Affinity purified
Buffer	1X PBS (pH 7.4)
Target Molecular Weight	220 kDa

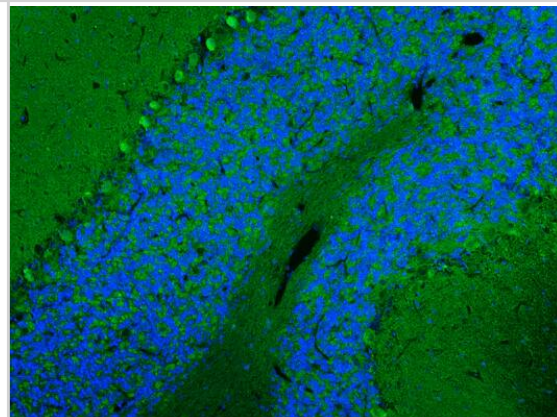
Product Description	
Description	This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of clone K74/71 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone K74/71 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	6323
Gene Symbol	SCN1A
Species	Human, Mouse, Rat, Primate
Specificity/Sensitivity	No cross-reactivity with Nav1.2, Nav1.3 and Nav1.6
Immunogen	Fusion protein amino acids 1929-2009 (cytoplasmic C-terminus) of rat Scn1a (Uniprot#: P04774) produced recombinantly in E. Coli

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence 1:250, Immunoprecipitation, Immunohistochemistry-Paraffin 1:250

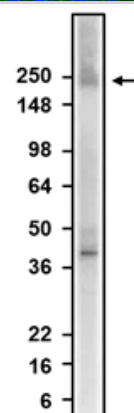


Images

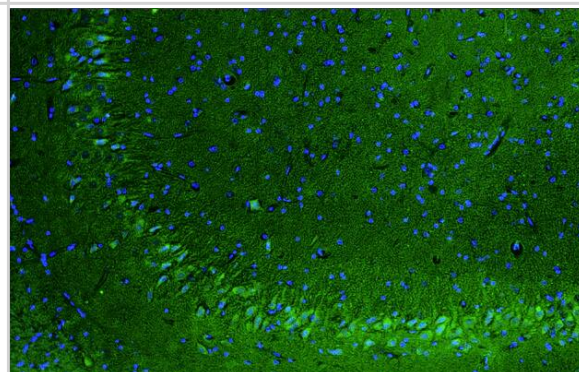
Representative section of formalin fixed, paraffin-embedded rat brain cerebellum region showing cells stained by NBP3-52336 using goat anti-chicken IgY secondary antibody (visualized in green). DAPI nuclear stain (blue) shows cell nuclei.



Western blotting of rat brain membrane with NBP3-52336. The chicken mAb was detected with anti-chicken HRP. This antibody recognizes endogenous Scn1a in the rat brain membrane fraction at ~220 kDa.



Representative section of formalin fixed, paraffin-embedded rat brain hippocampal CA2/CA3 region showing cells stained by NBP3-52336 using goat anti-chicken IgY secondary antibody (visualized in green). DAPI nuclear stain (blue) shows cell nuclei.





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Products Related to NBP3-52336-100ul

BAF010	Goat anti-Chicken IgY Secondary Antibody [Biotin]
NB7276	Goat anti-Chicken IgM Heavy Chain Secondary Antibody
DFN00	Follistatin [HRP]
NBP1-51843	Aurora A Antibody - BSA Free

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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