

# Product Datasheet

## Scn1a Antibody (K74/71) - Chimeric - Azide and BSA Free NBP3-52337

Unit Size: 100 ul

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

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**NBP3-52337**

Scn1a Antibody (K74/71) - Chimeric - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	K74/71
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgY
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	220 kDa
<b>Product Description</b>	
<b>Description</b>	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 and buffer exchanged into 1X PBS.
<b>Host</b>	Chicken
<b>Gene ID</b>	6323
<b>Gene Symbol</b>	SCN1A
<b>Species</b>	Human, Mouse, Rat, Primate
<b>Specificity/Sensitivity</b>	No cross-reactivity with Nav1.2, Nav1.3 and Nav1.8
<b>Immunogen</b>	Fusion protein amino acids 1929-2009 (cytoplasmic C-terminus) of rat Scn1a (Uniprot#: P04774) produced recombinantly in E. Coli
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin





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### **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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