Datasheet for ABIN7607146

# Recombinant anti-SCN1A antibody (AA 1929-2009)

Go to Product page

## Overview

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| Quantity: | 100 µL |
| Target: | SCN1A |
| Binding Specificity: | AA 1929-2009 |
| Reactivity: | Rat |
| Host: | Chicken, Mouse |
| Antibody Type: | Recombinant Antibody |
| Clonality: | Chimeric |
| Conjugate: | This SCN1A antibody is un-conjugated |
| Application: | Immunohistochemistry (IHC), ELISA, Western Blotting (WB), Immunocytochemistry (ICC), Immunoprecipitation (IP) |

## Product Details

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| Purpose: | Anti-Nav1.1 Na+ Channel Recombinant Chicken Chimeric mAb (K74/71) |
| Immunogen: | Fusion protein amino acids 1929-2009 (cytoplasmic C-terminus) of rat Nav1.1 (accession number P04774) produced recombinantly in E. Coli |
| Clone: | K74-71 |
| Isotype: | IgY |
| Specificity: | No cross-reactivity with Nav1.2, Nav1.3 and Nav1.6 |
| Cross-Reactivity: | Human, Mouse, Non-Human Primate, Rat |
| Characteristics: | This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and |

## Product Details

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| | 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 mammalian cells and then affinity purified from the cell culture media. |
| Purification: | Purified by affinity chromatography. |

## Target Details

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| Target: | SCN1A |
| Alternative Name: | Nav1.1 Na+ channel (SCN1A Products) |
| Molecular Weight: | 220 kDa |

## Application Details

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| Application Notes: | WB: 1:500 IHC: 1:250 ICC: 1:250 |
| Restrictions: | For Research Use only |

## Handling

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|---|---|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | 1X PBS, 0.05 % Sodium Azide 7.4 |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap. |