antibodies.com

# Datasheet for ABIN6259588 anti-SCN4B antibody (C-Term)

Image



#### Overview

| Quantity:            | 100 µL   |
|----------------------|--|
| Target:              | SCN4B  |
| Binding Specificity: | C-Term   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This SCN4B antibody is un-conjugated   |
| Application:         | Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC) |

### Product Details

| Immunogen:            | A synthesized peptide derived from human SCN4B, corresponding to a region within C-terminal amino acids.                               |
|-----------------------|--|
| Isotype:              | lgG  |
| Specificity:          | SCN4B Antibody detects endogenous levels of total SCN4B.   |
| Predicted Reactivity: | Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken  |
| Purification:         | The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific). |

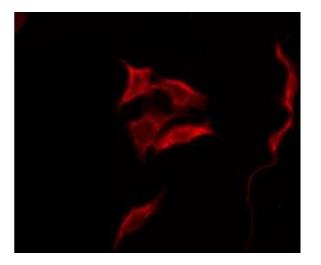
## Target Details

Target:

SCN4B

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| Target Details      |   |  |
|---------------------|---|--|
| Alternative Name:   | SCN4B (SCN4B Products)  |  |
| Background:         | Description: Modulates channel gating kinetics. Causes negative shifts in the voltage<br>dependence of activation of certain alpha sodium channels, but does not affect the voltage<br>dependence of inactivation. Modulates the suceptibility of the sodium channel to inhibition by<br>toxic peptides from spider, scorpion, wasp and sea anemone venom.<br>Gene: SCN4B |  |
| Molecular Weight:   | 27 kDa  |  |
| Gene ID:            | 6330  |  |
| UniProt:            | Q8IWT1  |  |
| Application Details |   |  |
| Application Notes:  | WB 1:500-1:1000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000   |  |
| Restrictions:       | For Research Use only   |  |
| Handling            |   |  |
| Format:             | Liquid  |  |
| Concentration:      | 1 mg/mL   |  |
| Buffer:             | Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.   |  |
| 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:            | -20 °C  |  |
| Storage Comment:    | Store at -20 °C. Stable for 12 months from date of receipt.   |  |
| Expiry Date:        | 12 months   |  |



#### Immunofluorescence (fixed cells)

**Image 1.** ABIN6275576 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25jaC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37jaC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibod

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