

## Datasheet for ABIN7595313 **anti-Nav1.8 antibody**



[Go to Product page](#)

### Overview

Quantity:	100 µL
Target:	Nav1.8 (SCN10A)
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Nav1.8 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB)

### Product Details

Purpose:	Rabbit antibody to Nav1.8
Immunogen:	A synthetic peptide from mouse Nav1.8 conjugated to blue carrier protein was used as the antigen.
Specificity:	Specific for Nav1.8.
Cross-Reactivity:	Mouse
Cross-Reactivity (Details):	Other species not yet tested.
Purification:	Whole serum

### Target Details

Target:	Nav1.8 (SCN10A)
Alternative Name:	Nav1.8 ( <a href="#">SCN10A Products</a> )

## Target Details

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Background:	<p>FUNCTION: This protein mediates the voltage-dependent sodium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane the protein forms a sodium-selective channel through which sodium ions may pass in accordance with their electrochemical gradient. It is a tetrodotoxin-resistant sodium channel isoform. Its electrophysiological properties vary depending on the type of the associated beta subunits (in vitro). Plays a role in neuropathic pain mechanisms. Tissue specificity: Expressed in the dorsal root ganglia and sciatic nerve. SUBCELLULAR LOCATION: Cell membrane, Multi-pass membrane protein. Note: It can be translocated to the extracellular membrane through association with S100A10.</p>
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## Application Details

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Application Notes:	IHC WB. A dilution of 1 : 400 to 1 : 1000 is recommended. The optimal dilution should be determined by the end user. Not yet tested in other applications.
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Restrictions:	For Research Use only
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## Handling

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Format:	Lyophilized
Reconstitution:	Reconstitute in 100 µL of sterile water. Centrifuge to remove any insoluble material.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.
Expiry Date:	12 months