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Datasheet for ABIN7169927

## anti-SCN8A antibody (AA 1350-1440)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	SCN8A
Binding Specificity:	AA 1350-1440
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCN8A antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

#### Product Details

Immunogen:	Recombinant Human Sodium channel protein type 8 subunit alpha protein (1350-1440AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

#### Target Details

Target:	SCN8A
Alternative Name:	SCN8A ( <a href="#">SCN8A Products</a> )
Background:	Background: Mediates the voltage-dependent sodium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the

## Target Details

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membrane, the protein forms a sodium-selective channel through which Na(+) ions may pass in accordance with their electrochemical gradient. In macrophages and melanoma cells, isoform 5 may participate in the control of podosome and invadopodia formation.

Aliases: CerIII antibody, CIAT antibody, EIEE13 antibody, hNa6/Scn8a voltage gated sodium channel antibody, MED antibody, Motor endplate disease antibody, NaCh 6 antibody, NaCh6 antibody, Nav 1.6 antibody, Nbn1 antibody, peripheral nerve protein type 4 antibody, PN 4 antibody, PN4 antibody, SCN8A antibody, SCN8A\_HUMAN antibody, Sodium channel protein type 8 alpha subunit antibody, Sodium channel protein type 8 subunit alpha antibody, Sodium channel protein type VIII alpha subunit antibody, Sodium channel protein type VIII subunit alpha antibody, Sodium channel voltage gated type VIII alpha antibody, Sodium channel voltage gated type VIII alpha polypeptide antibody, Sodium channel voltage gated type VIII alpha subunit antibody, Voltage gated sodium channel subunit alpha Nav1.6 antibody, Voltage-gated sodium channel subunit alpha Nav1.6 antibody

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UniProt: [Q9UQD0](#)

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Pathways: [Sensory Perception of Sound](#)

## Application Details

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Application Notes: Recommended dilution: IHC:1:20-1:200,

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

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Preservative: Sodium azide

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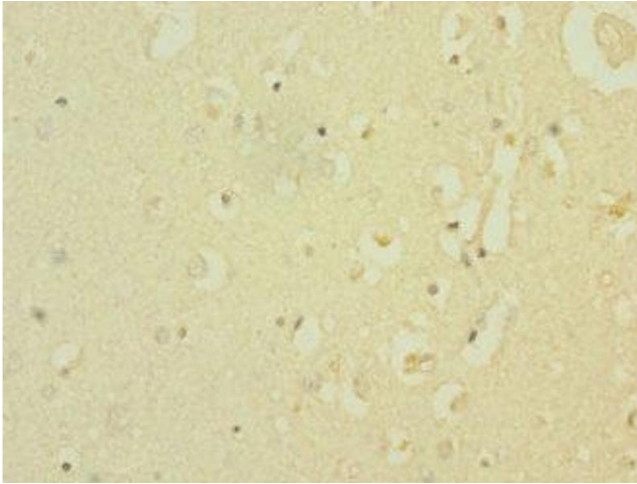
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7169927 at dilution of 1:100