

Datasheet for ABIN2776200
anti-SCN8A antibody (C-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	SCN8A
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCN8A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of human SCN8A
Sequence:	KSSIFSFRGP GRFRDPGSEN EFADDEHSTV EESEGRDSL FIPIRERERR
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against SCN8A. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	SCN8A
Alternative Name:	SCN8A (SCN8A Products)

Target Details

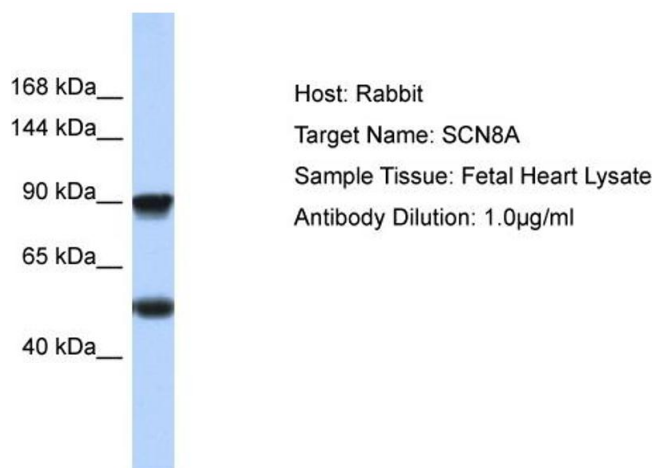
Background:	<p>This gene encodes a member of the sodium channel alpha subunit gene family. The encoded protein forms the ion pore region of the voltage-gated sodium channel. This protein is essential for the rapid membrane depolarization that occurs during the formation of the action potential in excitable neurons. Mutations in this gene are associated with mental retardation, pancerebellar atrophy and ataxia. Alternate splicing results in multiple transcript variants.</p> <p>Alias Symbols: MED, PN4, CIAT, NaCh6, CERIII, EIEE13, Nav1.6</p> <p>Protein Size: 475</p>
Molecular Weight:	52 kDa
Gene ID:	6334
NCBI Accession:	NM_001177984 , NP_001171455
UniProt:	Q9UQD0
Pathways:	Sensory Perception of Sound

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

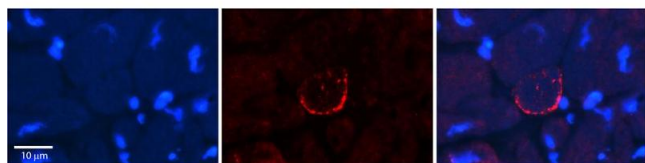
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



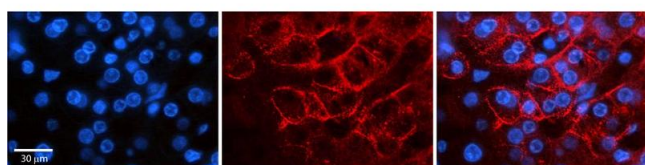
Western Blotting

Image 1. Host: Rabbit Target Name: SCN8A Sample Type: Fetal Heart lysates Antibody Dilution: 1.0ug/ml



Immunohistochemistry

Image 2. Rabbit Anti-SCN8A Antibody Catalog Number: ARP35228_P050 Formalin Fixed Paraffin Embedded Tissue: Human Adult heart Observed Staining: Membrane Primary Antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy2/3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 – 2.0 sec Protocol located in Reviews and Data.



Immunohistochemistry

Image 3. Rabbit Anti-SCN8A Antibody Catalog Number: ARP35228_P050 Formalin Fixed Paraffin Embedded Tissue: Human Adult liver Observed Staining: Membrane Primary Antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy2/3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 – 2.0 sec Protocol located in Reviews and Data.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2776200.