

Rabbit SCN8A Polyclonal Antibody | anti-SCN8A antibody

SCN8A Antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197942	Rabbit	Species reactivity: Human Predicted species reactivity: Cow, Dog, Horse, Mouse, Pig, Rabbit, Rat	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SCN8A; Polyclonal Antibody; SCN8A Antibody - C-terminal region; anti-SCN8A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Species reactivity: Human Predicted species reactivity: Cow, Dog, Horse, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide located within the following region: KS SIFSFRGPGR FRDPGSENEF ADDEHSTVEE SEGRRDSLFI PIRARERR
Sequence Length	475
Applicable Applications for anti-SCN8A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of human SCN8A
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



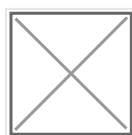
WB (Western Blot)

WB Suggested Anti-SCN8A antibody Titration: 1 ug/mL Sample Type: Human heart



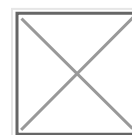
WB (Western Blot)

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



IHC (Immunohistochemistry)

Rabbit Anti-SCN8A Antibody 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.



IHC (Immunohistochemistry)

Rabbit Anti-SCN8A Antibody 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.

ADDITIONAL INFORMATION

Related Product Information for anti-SCN8A antibody	This is a rabbit polyclonal antibody against SCN8A. It was validated on Western Blot Target Description: 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.
Product Categories/Family for anti-SCN8A antibody	Polyclonal; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	295789135
NCBI GeneID	6334
NCBI Accession #	NP_001171455.1
NCBI GenBank Nucleotide #	NM_001177984.2
UniProt Accession #	Q9UQD0
Molecular Weight	52kDa
NCBI Official Full Name	sodium channel protein type 8 subunit alpha isoform 2
NCBI Official Synonym Full Names	sodium voltage-gated channel alpha subunit 8
NCBI Official Symbol	SCN8A
NCBI Official Synonym Symbols	MED; PN4; CIAT; BFIS5; NaCh6; CERIII; EIEE13; Nav1.6
NCBI Protein Information	sodium channel protein type 8 subunit alpha
UniProt Protein Name	Sodium channel protein type 8 subunit alpha
UniProt Gene Name	SCN8A
UniProt Synonym Gene Names	MED
UniProt Entry Name	SCN8A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/scn8a-antibody-immunohistochemistry-western-blot-elisa/197942>