

Rabbit SCN8A Polyclonal Antibody | anti-SCN8A antibody

SCN8A antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197941	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

PRODUCT SYNONYMS

SCN8A; Polyclonal Antibody; SCN8A antibody - middle region; anti-SCN8A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, 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 with the following region: ES DPEGSKDKLD DTSSEGSTI DIKPEVEEVP VEQP EYLDP DACFTEGC
Sequence Length	1980
Applicable Applications for anti-SCN8A antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle 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: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Human Muscle


WB (Western Blot)

Host: Rabbit
Target Name: SCN8A
Sample Type: NCI-H226
Antibody Dilution: 1.0ug/ml
SCN8A is supported by BioGPS gene expression data to be expressed in NCIH226

ADDITIONAL INFORMATION

Related Product Information for anti-SCN8A antibody	This is a rabbit polyclonal antibody against SCN8A. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Voltage-dependent sodium channels, such as SCN8A, are responsible for the initial membrane depolarization that occurs during generation of action potentials in most electrically excitable cells.
Product Categories/Family for anti-SCN8A antibody	Polyclonal ; Ion Channel ; Membrane Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657544
NCBI GeneID	6334
NCBI Accession #	NP_055006
NCBI GenBank Nucleotide #	NM_014191
UniProt Accession #	Q9UQD0
Molecular Weight	225kDa
NCBI Official Full Name	sodium channel protein type 8 subunit alpha isoform 1
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-western-blot-elisa/197941>