

Rabbit SCN5A Polyclonal Antibody | anti-SCN5A antibody

SCN5A antibody - C-terminal region

CATALOG # AAA197994	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

SCN5A; Polyclonal Antibody; SCN5A antibody - C-terminal region; anti-SCN5A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
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: FT KRVLGESGEM DALKIQMEEK FMAANPSKIS YEPITTLRR KHEEVSAM
Sequence Length	2015
Applicable Applications for anti-SCN5A antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human SCN5A
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



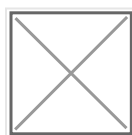
WB (Western Blot)

WB Suggested Anti-SCN5A Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: SW620 cell lysate
SCN5A is supported by BioGPS gene expression data to be expressed in SW620



WB (Western Blot)

Host: Rabbit
Target Name: SCN5A
Sample Type: MCF7 Whole Cell
Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide
Primary Antibody Concentration: 1ug/ml
Peptide Concentration: 5ug/ml
Lysate Quantity: 25ug/lane
Lane Gel Concentration: 0.12



WB (Western Blot)

Host: Rabbit
Target Name: SCN5A
Sample Tissue: Human A172 Whole Cell
Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-SCN5A antibody	This is a rabbit polyclonal antibody against SCN5A. It was validated on Western Blot and immunohistochemistry Target Description: SCN5A is an integral membrane protein and tetrodotoxin-resistant voltage-gated sodium channel subunit. The protein is found primarily in cardiac muscle and is responsible for the initial upstroke of the action potential in an electrocardiogram. The protein encoded by this gene is an integral membrane protein and tetrodotoxin-resistant voltage-gated sodium channel subunit. The encoded protein is found primarily in cardiac muscle and is responsible for the initial upstroke of the action potential in an electrocardiogram. Defects in this gene are a cause of long QT syndrome type 3 (LQT3), an autosomal dominant cardiac disease. Alternative splicing results in two transcript variants encoding separate isoforms which differ by a single amino acid. Mutation nomenclature has been assigned with respect to the longer isoform.
Product Categories/Family for anti-SCN5A antibody	Polyclonal; Ion Channel; Membrane Protein; Membrane & Traffic; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	30089970
NCBI GeneID	6331
NCBI Accession #	NP_000326
NCBI GenBank Nucleotide #	NM_000335
UniProt Accession #	Q8IZC9; Q14524
Molecular Weight	222kDa
NCBI Official Full Name	sodium channel protein type 5 subunit alpha isoform b
NCBI Official Synonym Full Names	sodium voltage-gated channel alpha subunit 5
NCBI Official Symbol	SCN5A
NCBI Official Synonym Symbols	HB1; HB2; HH1; IVF; VF1; HBBB; ICCD; LQT3; SSS1; CDCD2; CMD1E; CMPD2; PFHB1; Nav1.5
NCBI Protein Information	sodium channel protein type 5 subunit alpha

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.