

Sodium Channel-pan Antibody | anti-SCN5A antibody

Sodium Channel-pan Antibody

CATALOG # AAA109343	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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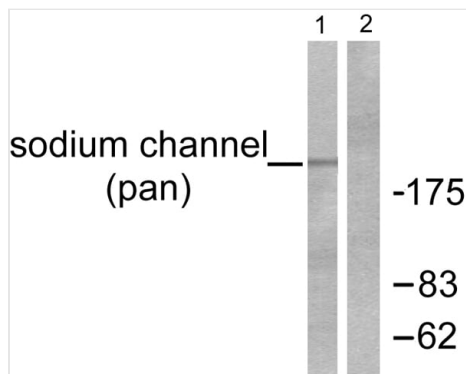
PRODUCT SYNONYMS

Sodium Channel-pan; Sodium Channel-pan Antibody; CIN5; HH1; SCN5A; Sodium channel protein; cardiac muscle alpha-subunit; anti-SCN5A antibody

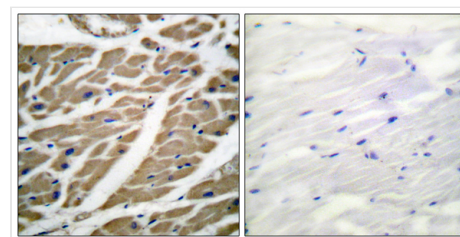
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	Sodium Channel-pan Antibody detects endogenous levels of total sodium channel protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	2015
Applicable Applications for anti-SCN5A antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from human sodium channel.
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES


WB (Western Blot)

Western blot analysis of extracts from HuvEc cells, using Sodium Channel-pan Antibody.


IHC (Immunohistochemistry)

Peptide-+ Immunohistochemical analysis of paraffin-embedded human heart tissue using Sodium Channel-pan antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SCN5A antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Sebastian K.G. Maier, Circulation, Mar 2004; 109: 1421-1427. T.R. Cummins, Neurology, Jan 2003; 60: 224-229. Christopher A. Ahern, Circ. Res., May 2005; 96: 991-998. Jyoti Dhar Malhotra, Circulation, Mar 2001; 103: 1303-1310.

NCBI AND UNIPROT INFORMATION

NCBI GI #	30089970
NCBI GeneID	6331
NCBI Accession #	NP_000326.2
NCBI GenBank Nucleotide #	NM_000335.4
UniProt Accession #	Q14524; Q59H93; Q75RX9; Q75RY0; A5H1P8; A6N922; A6N923; B2RTU0; E7ET19; E9PEF3; E9PEK2; E9PFW7
Molecular Weight	224,917 Da
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; HBBD; ICCD; LQT3; SSS1; CDCD2; CMD1E; CMPD2; PFHB1; Nav1.5
NCBI Protein Information	sodium channel protein type 5 subunit alpha
UniProt Protein Name	Sodium channel protein type 5 subunit alpha
UniProt Gene Name	SCN5A

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/human-mouse-rat-antibody/sodium-channel-pan/109343>