

Rabbit Sodium Channel-pan Polyclonal Antibody | anti-SCN2A antibody

Sodium Channel-pan Antibody

CATALOG # AAA317322	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Sodium Channel-pan; Polyclonal Antibody; Sodium Channel-pan Antibody; CIN5; HH1; SCN5A; Sodium channel protein; cardiac muscle alpha-subunit; anti-SCN2A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Sodium Channel-pan Antibody detects endogenous levels of total Sodium Channel protein.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1,981
Applicable Applications for anti-SCN2A antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from human Sodium Channel.
Immunogen Range	1466-1515
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from HUVEC cells, using Sodium Channel-pan Antibody. The lane on the right is blocked with the synthesized peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human heart tissue, using Sodium Channel-pan Antibody. The picture on the right is blocked with the synthesized peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	260166633
NCBI GeneID	6323
NCBI Accession #	NP_001159435.1

NCBI GenBank Nucleotide #	NM_001165963.2
UniProt Accession #	P35498; Q16172; Q585T7; Q8IUJ6; Q96LA3; Q9C008; E9PG49
Molecular Weight	227 kDa
NCBI Official Full Name	sodium channel protein type 1 subunit alpha isoform 1
NCBI Official Synonym Full Names	sodium voltage-gated channel alpha subunit 1
NCBI Official Symbol	SCN1A
NCBI Official Synonym Symbols	FEB3; FHM3; NAC1; SCN1; SMEI; EIEE6; FEB3A; HBSCI; GEFSP2; Nav1.1
NCBI Protein Information	sodium channel protein type 1 subunit alpha
UniProt Protein Name	Sodium channel protein type 1 subunit alpha
UniProt Gene Name	SCN1A
UniProt Synonym Gene Names	NAC1; SCN1

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/sodium-channel-pan-antibody-immunohistochemistry-western-blot-elisa/317322>