

Rabbit Nav1.5 Polyclonal Antibody | anti-SCN5A antibody

Nav1.5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328880	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, Immunocytochemistry, Immunofluorescence

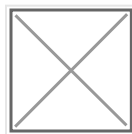
PRODUCT SYNONYMS

Nav1.5; Polyclonal Antibody; Nav1.5 Antibody; Cardiac tetrodotoxin insensitive voltage dependent sodium channel alpha subunit; CDCD2; CMD1E; CMPD2; HB1; HB2; HBB2; HH1; ICCD; IVF; LQT3; PFHB1; Scn5a (gene name); Scn5a; SCN5A_HUMAN; Sodium channel protein cardiac muscle alpha subunit; Sodium channel protein cardiac muscle subunit alpha; Sodium channel protein type 5 subunit alpha; Sodium channel protein type V alpha subunit; Sodium channel protein type V subunit alpha; SSS1; VF1; Voltage gated sodium channel alpha subunit Nav1.5; Voltage-gated sodium channel subunit alpha Nav1.5; anti-SCN5A antibody

PRODUCT SPECIFICATIONS

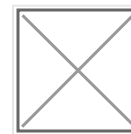
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	2015
Applicable Applications for anti-SCN5A antibody	IHC (Immunohistochemistry), WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	A synthesized peptide derived from human Nav1.5, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA328880 staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA328880 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



IHC (Immunohistochemistry)

AAA328880 at 1/100 staining Mouse heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA328880 at 1/100 staining Rat heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from SW620, using Nav1.5 Antibody. The lane on the left was treated with blocking peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	30089970
NCBI GeneID	6331
NCBI Accession #	NP_000326.2
NCBI GenBank Nucleotide #	NP_000326.2
UniProt Accession #	Q14524
Molecular Weight	226kDa
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
UniProt Entry Name	SCN5A_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/nav15-antibody-immunohistochemistry-western-blot-immunocytochemistry-immunofluorescence-elisa/328880>