

Rabbit SCN7A Polyclonal Antibody | anti-SCN7A antibody

Anti-SCN7A Antibody

CATALOG # AAA264219	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunocytochemistry, Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

SCN7A; Polyclonal Antibody; Anti-SCN7A Antibody; SCN6A; Sodium channel protein type 7 subunit alpha; Putative voltage-gated sodium channel subunit alpha Na_x; Sodium channel protein cardiac and skeletal muscle subunit alpha; Sodium channel protein type VII subunit alpha; anti-SCN7A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of SCN7A protein.
Purity/Purification	Purified by Immunogen Affinity Chromatography
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Applicable Applications for anti-SCN7A antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SCN7A. The exact sequence is proprietary.
Preparation and Storage	Upon receipt store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of SCN7A staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of SCN7A expression in A549 (A), NIH3T3 (B), H9C2 (C) whole cell lysates. (Predicted band size: 193 kD; Observed band size: 230 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-SCN7A antibody	Rabbit polyclonal antibody to SCN7A
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NCBI AND UNIPROT INFORMATION

NCBI GI #	111378393
NCBI GeneID	6332

NCBI Accession #	NP_002967.2
NCBI GenBank Nucleotide #	NM_002976.3
UniProt Accession #	Q01118
NCBI Official Full Name	sodium channel protein type 7 subunit alpha
NCBI Official Synonym Full Names	sodium channel, voltage-gated, type VII, alpha subunit
NCBI Official Symbol	SCN7A
NCBI Official Synonym Symbols	NaG; SCN6A; Nav2.1; Nav2.2
NCBI Protein Information	sodium channel protein type 7 subunit alpha; sodium channel protein type VII subunit alpha; voltage-dependent sodium channel alpha subunit; putative voltage-gated sodium channel subunit alpha Nax; sodium channel, voltage-gated, type VI, alpha polypeptide;
UniProt Protein Name	Sodium channel protein type 7 subunit alpha
UniProt Gene Name	SCN7A
UniProt Synonym Gene Names	SCN6A
UniProt Entry Name	SCN7A_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/scn7a-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/264219>