

Rabbit anti-Human SCN10A Polyclonal Antibody | anti-SCN10A antibody

SCN10A Antibody

CATALOG # AAA234469	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, ELISA
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PRODUCT SYNONYMS

SCN10A; Polyclonal Antibody; SCN10A Antibody; Sodium channel protein type 10 subunit alpha; Peripheral nerve sodium channel 3; PN3; hPN3; Sodium channel protein type X subunit alpha; Voltage-gated sodium channel subunit alpha Nav1.8; anti-SCN10A antibody

PRODUCT SPECIFICATIONS

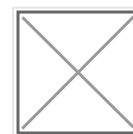
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1955
Applicable Applications for anti-SCN10A antibody	IF (Immunofluorescence), ELISA
Immunogen	Recombinant Human Sodium channel protein type 10 subunit alpha protein (992-1099AA)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Immunogen Species	Homo sapiens (Human)
Research Area	Neuroscience
Target Names	SCN10A
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of SH-SY5Y cells with AAA234469 at 1:66, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



WB (Western Blot)

Western Blot Positive WB detected in: Hela whole cell lysate, U87 whole cell lysate All lanes: SCN10A antibody at 12ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 221 KDa Observed band size: 221 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-SCN10A antibody	Tetrodotoxin-resistant channel that mediates the voltage-dependent sodium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a sodium-selective channel through which sodium ions may pass in accordance with their electrochemical gradient. Plays a role in neuropathic pain mechanisms.
Product Categories/Family for anti-SCN10A antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	693064350
NCBI GeneID	6336
NCBI Accession #	NP_001280235.2
NCBI GenBank Nucleotide #	NM_001293306.2
UniProt Accession #	Q9Y5Y9; A6NDQ1
NCBI Official Full Name	sodium channel protein type 10 subunit alpha isoform 2
NCBI Official Synonym Full Names	sodium voltage-gated channel alpha subunit 10
NCBI Official Symbol	SCN10A
NCBI Official Synonym Symbols	PN3; SNS; hPN3; FEPS2; Nav1.8
NCBI Protein Information	sodium channel protein type 10 subunit alpha
UniProt Protein Name	Sodium channel protein type 10 subunit alpha
UniProt Gene Name	SCN10A
UniProt Synonym Gene Names	PN3; hPN3

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/scn10a-antibody-immunofluorescence-elisa/234469>