

SCN11A blocking peptide

SCN11A Blocking Peptide

CATALOG # AAA330030	APPLICATIONS Blocking
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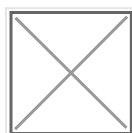
PRODUCT SYNONYMS

SCN11A; SCN11A Blocking Peptide; hNaN; NaN; NAV1.9; Peripheral nerve sodium channel 5; PN 5; PN5; SCN 11A; SCN 12A; Scn11a; SCN12A; SCNBA_HUMAN; Sensory neuron sodium channel 2; SNS 2; SNS2; Sodium channel protein type 11 subunit alpha; Sodium channel protein type XI subunit alpha; Sodium channel voltage gated type XI alpha; Sodium channel voltage gated type XI alpha polypeptide; Sodium channel voltage gated type XI alpha subunit; Sodium channel voltage gated type XII alpha polypeptide; Voltage gated sodium channel Nav1.9; Voltage gated sodium channel subunit alpha Nav1.9; Voltage-gated sodium channel subunit alpha Nav1.9; SCN11A blocking peptide

PRODUCT SPECIFICATIONS

Purity/Purification	The purity is >90%,tested by HPLC and MS.
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 10 mg/ml.
Applicable Applications for SCN11A blocking peptide	Blocking
Notes	For phospho antibody, we provide phospho peptide (0.5mg) and non-phospho peptide (0.5mg)
Function	Blocking peptides are peptides that bind specifically to the target antibody and block antibody binding. These peptide usually contains the epitope recognized by the antibody. Antibodies bound to the blocking peptide no longer bind to the epitope on the target protein. This mechanism is useful when non-specific binding is an issue, for example, in Western blotting (immunoblot) and immunohistochemistry (IHC). By comparing the staining from the blocked antibody versus the antibody alone, one can see which staining is specific; Specific binding will be absent from the western blot or immunostaining performed with the neutralized antibody.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

IMAGES



Application Data

NCBI AND UNIPROT INFORMATION

NCBI GI #	564473389
NCBI GeneID	11280
NCBI Accession #	NP_001274152.1
NCBI GenBank Nucleotide #	NM_001287223.1
UniProt Accession #	Q9UI33; Q68K15; Q8NDX3; Q9UHE0; Q9UHM0; A6NN05; C9JD48; C9JR31
NCBI Official Full Name	sodium channel protein type 11 subunit alpha
NCBI Official Synonym Full Names	sodium channel, voltage-gated, type XI, alpha subunit

NCBI Official Symbol	SCN11A
NCBI Official Synonym Symbols	NaN; PN5; FEPS3; HSAN7; SNS-2; NAV1.9; SCN12A
NCBI Protein Information	sodium channel protein type 11 subunit alpha; sensory neuron sodium channel 2; peripheral nerve sodium channel 5; sodium channel protein type XI subunit alpha; voltage-gated sodium channel subunit alpha Nav1.9; sodium channel, voltage-gated, type XI, alph
UniProt Protein Name	Sodium channel protein type 11 subunit alpha
UniProt Gene Name	SCN11A
UniProt Synonym Gene Names	SCN12A; SNS2; PN5
UniProt Entry Name	SCNBA_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/blocking-peptide/scn11a/330030>