

Rabbit anti-Human SCN1B Polyclonal Antibody | anti-SCN1B antibody

SCN1B Antibody

CATALOG # AAA303996	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

SCN1B; Polyclonal Antibody; SCN1B Antibody; ATFB13; BRGDA5; GEFSP1; anti-SCN1B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total SCN1B protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2.2 mg/ml (varies by lot)
Sequence Length	218
Applicable Applications for anti-SCN1B antibody	IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human sodium channel, voltage-gated, type I, beta subunit
Target Name	SCN1B
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using anti-SCN1B antibody at dilution 1/35.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue using anti-SCN1B antibody at dilution 1/35.

ADDITIONAL INFORMATION

Related Product Information for anti-SCN1B antibody	Voltage-gated sodium channels are heteromeric proteins that function in the generation and propagation of action potentials in muscle and neuronal cells. They are composed of one alpha and two beta subunits, where the alpha subunit provides channel activity and the beta-1 subunit modulates the kinetics of channel inactivation. This gene encodes a sodium channel beta-1 subunit. Mutations in this gene result in generalized epilepsy with febrile seizures plus, Brugada syndrome 5, and defects in cardiac conduction.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506805
NCBI GeneID	6324
NCBI Accession #	NP_001028.1
NCBI GenBank Nucleotide #	NM_001037.4
UniProt Accession #	Q07699; Q5TZZ4; Q6TN97
Molecular Weight	30,440 Da
NCBI Official Full Name	sodium channel subunit beta-1 isoform a
NCBI Official Synonym Full Names	sodium channel, voltage gated, type I beta subunit
NCBI Official Symbol	SCN1B
NCBI Official Synonym Symbols	ATFB13; BRGDA5; GEFSP1
NCBI Protein Information	sodium channel subunit beta-1
UniProt Protein Name	Sodium channel subunit beta-1
UniProt Gene Name	SCN1B
UniProt Entry Name	SCN1B_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.