Immunotag™ SCN11A Antibody

Antibody Specification

Catalog No.	ITA9669
Product Description	Immunotag™ SCN11A Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	SCN11A
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human SCN11A
Specificity	SCN11A Antibody detects endogenous levels of total SCN11A
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	SCN11A
Accession No.	Q9UI33

Antibody Specification

Alternate Names	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;
Description	This protein 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. It is a tetrodotoxin-resistant sodium channel isoform. Also involved, with the contribution of the receptor tyrosine kinase NTRK2, in rapid BDNF-evoked neuronal depolarization.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	205 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.