

Immunotag™ SCN4A Antibody

Antibody Specification	
Catalog No.	ITA5391
Product Description	Immunotag™ SCN4A 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	SCN4A
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:500~1:1000, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	SCN4A Antibody detects endogenous levels of total SCN4A
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	SCN4A
Accession No.	P35499
Alternate Names	HYKPP; HYPP; Na(V)1.4; NAC1A; Nav1.4; Scn4a; SCN4A_HUMAN; Skeletal muscle voltage dependent sodium channel type IV alpha subunit; SkM1; Sodium channel protein skeletal muscle subunit alpha; Sodium channel protein type 4 subunit alpha; Sodium channel protein type IV subunit alpha; Sodium channel voltage gated type IV alpha subunit; Voltage gated sodium channel subunit alpha Nav1.4; Voltage gated sodium channel type 4 alpha; Voltage-gated sodium channel subunit alpha Nav1.4;

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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 Na ⁺ ions may pass in accordance with their electrochemical gradient. This sodium channel may be present in both denervated and innervated skeletal muscle.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	208 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.