SCN7A Antibody HRP Conjugated

Catalog No: #C01743H

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Description

Product Name	SCN7A Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P IHC-F ICC
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human SCN7A
Conjugates	HRP
Target Name	SCN7A
Other Names	Putative voltage gated sodium channel subunit alpha Nax; SCN 6A; SCN 7A; SCN6A; Sodium channel protein cardiac and skeletal muscle subunit alpha; Sodium channel protein type 7 subunit alpha; Sodium channel protein type VII subunit alpha; Sodium channel voltage gated type VI alpha polypeptide; Sodium
Excitation Emission	N A
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200 ICC=1:50-200

Background

Voltage-gated sodium channels are selective ion channels that regulate the permeability of sodium ions in excitable cells. During the propagation of an action potential, sodium channels allow an influx of sodium ions, which rapidly depolarize the cell. The three glycoproteins that comprise the voltage-gated sodium channel proteins include a pore-forming Beta subunit, a noncovalently associated Beta 1 subunit and a disulfide-linked Beta 2 subunit. Na+ CP type VII Alpha (Sodium channel protein type 7 subunit alpha), also known as SCN6A, Sodium channel protein cardiac and skeletal muscle subunit alpha and putative voltage-gated sodium channel subunit alpha Nax, is a 1682 amino acid multi-pass membrane protein that belongs to the sodium channel family. Primarily expressed in uterus and heart, Na+ CP type VII Alpha may function in the regulation of salt intake behavior and central sensing of body-fluid sodium levels.

Note: This product is for in vitro research use only