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anti-SCN7A antibody (AA 1561-1582)



Image



Go to Product page

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Quantity:	100 μL
Target:	SCN7A
Binding Specificity:	AA 1561-1582
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCN7A antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffinembedded Sections) (IF (p)), Immunohistochemistry (Paraffinembedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SCN7A
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

Target Details

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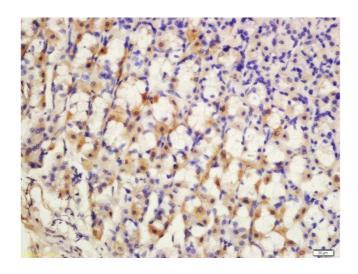
Target Details

Alternative Name:	SCN7A (SCN7A Products)
Background:	Synonyms: 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 channel voltage gated type VII alpha, Sodium channel
	voltage gated type VII alpha polypeptide, Voltage dependent sodium channel alpha subunit, SCN7A_HUMAN.
	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.
Gene ID:	6332
UniProt:	Q01118
Application Details	
Application Notes:	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500
Restrictions:	For Research Use only
Handling	
Format:	Liquid

Handling

Concentration:	1 μg/μL	
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.	
Expiry Date:	12 months	

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin embedded rat stomach labeled with Anti-SCN7A Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining.