

For Research Use Only

SCN7A-Specific Recombinant antibody, PBS Only

Catalog Number: 85797-1-PBS



Basic Information

Catalog Number:	85797-1-PBS	GenBank Accession Number:	NM_002976	Purification Method:	Protein A purification
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GenID (NCBI):	6332	CloneNo.:	250004D8
Source:	Rabbit	UNIPROT ID:	Q01118		
Isotype:	IgG	Full Name:	sodium channel, voltage-gated, type VII, alpha		
		Calculated MW:	193 kDa		
		Observed MW:	180 kDa		

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

Background Information

SCN7A, also named as SCN6A, belongs to the sodium channel family. SCN7A mediates the voltage-dependent sodium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, SCN7A forms a sodium-selective channel through which Na⁺ ions may pass in accordance with their electrochemical gradient. This antibody is specific to SCN7A.

Storage

Storage:

Store at -80°C.

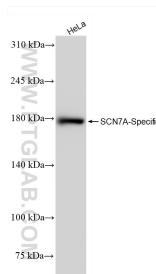
Storage Buffer:

PBS only, pH7.3

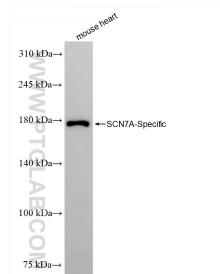
For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free
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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 85797-1-RR (SCN7A-Specific antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85797-1-PBS in a different storage buffer formulation.



mouse heart tissue were subjected to SDS PAGE followed by western blot with 85797-1-RR (SCN7A-Specific antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85797-1-PBS in a different storage buffer formulation.