SCN7A-Specific Recombinant antibody

Catalog Number:85797-1-RR

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Basic Information

Catalog Number:	85797-1-RR
Size:	100ul , Concentration: 1000 μg/ml by Nanodrop;
Source:	Rabbit
Isotype:	IgG

GenBank Accession Number:	NM_002976
GeneID (NCBI):	6332
UNIPROT ID:	Q01118
Full Name:	sodium channel, voltage-gated, type VII, alpha
Calculated MW:	193 kDa
Observed MW:	180 kDa

Purification Method:	Protein A purification
CloneNo.:	250004D8
Recommended Dilutions:	WB 1:5000-1:50000

Applications

Tested Applications:
WB, ELISA
Species Specificity:
human, mouse

Positive Controls:
WB : HeLa cells, mouse heart tissue

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 -20℃. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

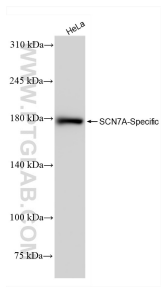***** 20ul sizes contain 0.1% BSA**

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.
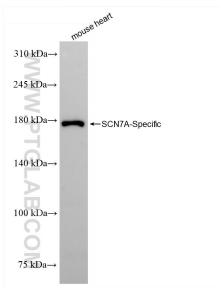
mouse heart tissue were subjected to SDS PAGE followed by western blot with 85797-1-RR (SCN7A-Specific antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.