SCN7A-Specific Recombinant antibody, PBS Only

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Antibodies | ELISA kits | Proteins
Uni-rAb

Catalog Number:85797-1-PBS

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Basic Information

Catalog Number:
85797-1-PBS

Concentration:
1000 μg/ml

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

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℃.
The product is shipped with ice packs. Upon receipt, store it immediately at -80℃
Storage Buffer:
PBS only, pH7.3

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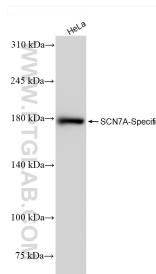
HeLa cells were subjected to SDS PAGE followed by western blot with 85797-1-RR (SCN7A-Specific antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85797-1-PBS in a different storage buffer formulation.
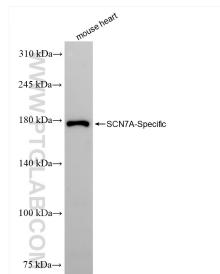
mouse heart tissue were subjected to SDS PAGE followed by western blot with 85797-1-RR (SCN7A-Specific antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85797-1-PBS in a different storage buffer formulation.