

For Research Use Only

SCN7A-Specific Recombinant antibody

Catalog Number: 85797-1-RR



Basic Information

Catalog Number:

85797-1-RR

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

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°C. 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

For technical support and original validation data for this product please contact:

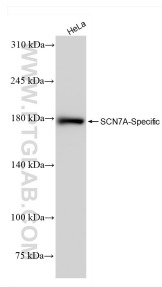
T: 4006900926

E: Proteintech-CN@ptglab.com

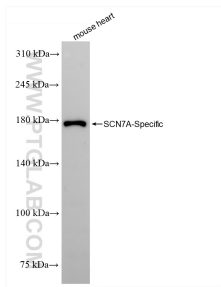
W: ptgcn.com

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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.



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.