

For Research Use Only

# SCN7A-Specific Recombinant antibody

Catalog Number: 85797-1-RR



## Basic Information

|                 |            |                           |  |                        |                        |
|-----------------|------------|---------------------------|--|------------------------|------------------------|
| Catalog Number: | 85797-1-RR | GenBank Accession Number: | NM_002976                                      | Purification Method:   | Protein A purification |
| Concentration:  | 1000 µg/ml | GenID (NCBI):             | 6332   | CloneNo.:              | 250004D8               |
| Source:         | Rabbit     | UNIPROT ID:               | Q01118   | Recommended Dilutions: | WB 1:5000-1:50000      |
| Isotype:        | IgG        | Full Name:                | sodium channel, voltage-gated, type VII, alpha | Calculated MW:         | 193 kDa                |
|                 |            | Observed MW:              | 180 kDa  |                        |                        |

## Applications

|                      |              |                                    |
|----------------------|--------------|------------------------------------|
| Tested Applications: | WB, ELISA    | Positive Controls:                 |
| Species Specificity: | human, mouse | 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<sup>+</sup> ions may pass in accordance with their electrochemical gradient. This antibody is specific to SCN7A.

## Storage

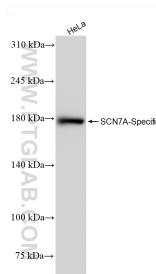
Storage: Store at -20°C. Stable for one year after shipment.  
Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:  
T: 4006900926      E: Proteintech-CN@ptglab.com

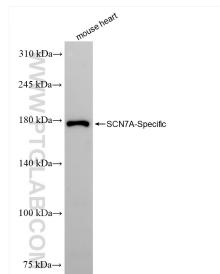
W: ptgcn.com

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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.