

For Research Use Only

SCN3B Recombinant antibody, PBS Only



Catalog Number: 82959-1-PBS

Basic Information

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| Catalog Number: 82959-1-PBS | GenBank Accession Number: BC126265 | Purification Method: Protein A purification |
| Size: 100ug , Concentration: 1mg/ml by Nanodrop; | GeneID (NCBI): 55800 | CloneNo.: 230316F8 |
| Source: Rabbit | UNIPROT ID: Q9NY72 | |
| Isotype: IgG | Full Name: sodium channel, voltage-gated, type III, beta | |
| Immunogen Catalog Number: AG23201 | Observed MW: 29 kDa | |

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, rat, mouse

Background Information

The sodium voltage-gated channel beta subunit 3 (SCN3B) plays a crucial role in electrically excitable cells and conduction tissue in the heart. Some previous studies have established that genetic modification in sodium voltage-channel genes encoding for the cardiac β -subunits, such as SCN1B, SCN2B, SCN3B and SCN4B, can result in atrial fibrillation (AF). (PMID: 36362949)

Storage

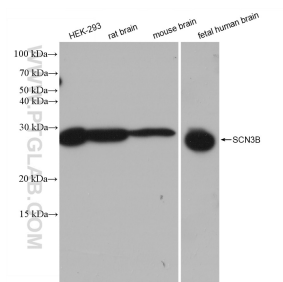
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

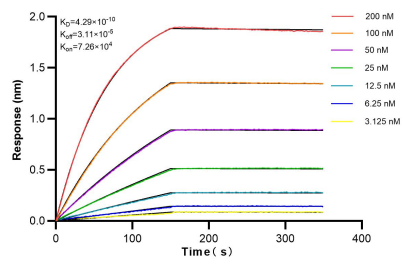
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82959-1-RR (SCN3B antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82959-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 82959-1-RR against Human SCN3B were performed. The affinity constant is 0.429 nM.