

For Research Use Only

# CoraLite® Plus 750-conjugated SCN3B Recombinant antibody



Catalog Number: CL750-82959-7

## Basic Information

Catalog Number:

CL750-82959-7

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23201

GenBank Accession Number:

BC126265

GeneID (NCBI):

55800

UNIPROT ID:

Q9NY72

Full Name:

sodium channel, voltage-gated, type III, beta

Observed MW:

28 kDa

Purification Method:

Protein A purification

CloneNo.:

230316B2

Recommended Dilutions:

WB 1:500-1:2000

Excitation/Emission maxima

wavelengths:

755 nm / 780 nm

## Applications

Tested Applications:

WB

Species Specificity:

Human, mouse

Positive Controls:

WB : HEK-293 cells, rat brain tissue

## Background Information

The sodium channel is a multi-subunit protein complex composed of a single large  $\alpha$ -subunit along with smaller additional  $\beta$ -subunits. There are at least three different  $\beta$ -subunit genes, SCN1b, SCN2b, and SCN3b, all of which are expressed widely in excitable tissues. The bands on Western blots for SCN3b (45-50 kDa) were significantly larger than the predicted molecular weight, which is consistent with the protein being glycosylated. The two bands on the Western blot could be due to different levels of glycosylation or alternative spliced isoforms. (PMID: 11744748)

## Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

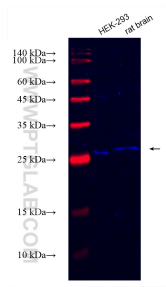
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL750-82959-7 (SCN3B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.