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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB10847 - Goat Anti-Scn10a / Nav1.8 (mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Scn10a, sodium channel, voltage-gated, type X, alpha subunit, Nav1.8, PN3, SNS, mPN3, peripheral nerve sodium channel 3, sodium channel protein type 10 subunit alpha, sodium channel protein type X subunit alpha

Official Symbol: Scn10a

Accession Number(s): NP_033160.2

Human GeneID(s): [6336](#)

Non-Human GeneID(s): 20264 (mouse), 29571 (rat)

Immunogen

Peptide with sequence C-DDNRSLQSDPYNQR, from the internal region of the protein sequence according to NP_033160.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Preliminary experiments gave an approx 150kDa band in Rat Spinal Cord and NIH3T3 lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 220kDa according to NP_033160.2. The 150kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:

Expected from sequence similarity: Mouse, Rat