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GOAT ANTI-SCN10A / NAV1.8 (MOUSE) ANTIBODY

SKU: EB10847

SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	sodium channel protein type X subunit alpha| sodium channel protein type 10 subunit alpha| peripheral nerve sodium channel 3| mPN3| SNS| PN3| Nav1.8| sodium channel, voltage-gated, type X, alpha subunit|Scn10a
Accession ID	NP_033160.2
Blocking Peptide	EBP10847
Immunogen	Peptide with sequence C-DDNRSLQSDPYNQR, from the internal region of the protein sequence according to NP_033160.2.
Peptide Sequence	C-DDNRSLQSDPYNQR
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Mouse, Rat
Human Gene ID	6336
Mouse Gene ID	20264
Rat Gene ID	29571
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png
ELISA Detection Limit	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?
Application Type	Pep-ELISA

DOCUMENTS

- Data Sheet