

Telephone: (650) 697-3600

GOAT ANTI-NAV1.7 (AA1874-1887) ANTIBODY

SKU: EB11107

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

Storage

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

SCN9A| voltage-gated sodium channel subunit alpha Nav1.7| voltage-gated sodium channel alpha subunit Nav1.7|

Synonym / Alias

Names

sodium channel, voltage-gated, type IX, alpha subunit| sodium channel, voltage-gated, type IX, alpha polypeptide| sodium channel protein type IX subunit alpha| sodium channel protein type 9 subunit alpha| PN1| peripheral sodium channel 1| OTTHUMP00000204936| OTTHUMP00000204933| neuroendocrine sodium channel| NE-NA|

NENA| Nav1.7| hNE-Na| FEB3B| ETHA

Accession

NP_002968.1; NP_001352465.1

Blocking

EBP11107 **Peptide**

Peptide with sequence C-KRKQEDVSATVIQR, from the internal region (near C Terminus) of the protein sequence **Immunogen**

according to NP_002968.1; NP_001352465.1.

Peptide

Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using

Method the immunizing peptide.

Shipping

Refrigerated Instructions

Predicted

Human, Cow **Species**

Human

6335

Gene ID

Mouse Gene ID

20274

Rat Gene ID 78956

Product Grade

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png

ELISA

Detection Antibody detection limit dilution 1:64000.

Limit





Email: customerservice@vectorlabs.com

Telephone: (650) 697-3600

Western Blot

Preliminary experiments gave an approx 80kDa band in Human Brain (Cerebellum), Mouse brain and Rat Ovary lysates after $0.1\mu g/ml$ antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 225kDa according to NP_002968.1. The 80kDa 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