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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	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	SCN9A| voltage-gated sodium channel subunit alpha Nav1.7| voltage-gated sodium channel alpha subunit Nav1.7| 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 ID	NP_002968.1; NP_001352465.1
Blocking Peptide	EBP11107
Immunogen	Peptide with sequence C-KRKQEDVSATVIQR, from the internal region (near C Terminus) of the protein sequence according to NP_002968.1; NP_001352465.1.
Peptide Sequence	C-KRKQEDVSATVIQR
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Cow
Human Gene ID	6335
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 Limit	Antibody detection limit dilution 1:64000.

Western Blot	Preliminary experiments gave an approx 80kDa band in Human Brain (Cerebellum), Mouse brain and Rat Ovary lysates after 0.1µg/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 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

DOCUMENTS

- Data Sheet