

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

SKU: EB11107



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## SPECIFICATIONS

<b>Formulation</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Unit Size</b>	100 µg
<b>Storage Instructions</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Synonym / Alias Names</b>	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
<b>Accession ID</b>	NP_002968.1; NP_001352465.1
<b>Blocking Peptide</b>	EBP11107
<b>Immunogen</b>	Peptide with sequence C-KRKQEDVSATVIQR, from the internal region (near C Terminus) of the protein sequence according to NP_002968.1; NP_001352465.1.
<b>Peptide Sequence</b>	C-KRKQEDVSATVIQR
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Cow
<b>Human Gene ID</b>	6335
<b>Mouse Gene ID</b>	20274
<b>Rat Gene ID</b>	78956
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png</a>
<b>ELISA Detection Limit</b>	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](#)