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GOAT ANTI-SCN5A (AA1021-1034) ANTIBODY

SKU: EB10844

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	SCN5A| sodium channel, voltage-gated, type V, alpha subunit| CDCD2| CMD1E| CMPD2| HB1| HB2| HBBD| HH1| IVF| LQT3| Nav1.5| PFHB1| SSS1| VF1| OTTHUMP00000209279
Accession ID	NP_932173.1; NP_000326.2; NP_001092874.1; NP_001092875.1; NP_001153632.1; NP_001153633.1
Blocking Peptide	EBP10844
Immunogen	Peptide with sequence C-PTRKETRFEEGEQP, from the internal region of the protein sequence according to NP_932173.1; NP_000326.2; NP_001092874.1; NP_001092875.1; NP_001153632.1; NP_001153633.1.
Product Comments	This antibody is expected to recognize all reported isoforms (NP_932173.1; NP_000326.2; NP_001092874.1; NP_001092875.1; NP_001153632.1; NP_001153633.1).
Peptide Sequence	C-PTRKETRFEEGEQP
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
Human Gene ID	6331
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 1:16000.
Western Blot	Preliminary experiments gave an approx 80kDa band in HeLa lysates after 0.3µg/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 227kDa according to NP_932173.1. 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