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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB10844 - Goat Anti-SCN5A (aa1021-1034) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal 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

Official Symbol: SCN5A

Accession Number(s): NP_932173.1; NP_000326.2; NP_001092874.1; NP_001092875.1; NP_001153632.1; NP_001153633.1

Human GeneID(s): [6331](#)

Important 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).

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.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

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

Applications Tested

Peptide ELISA: 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?

Species Reactivity

Tested:

Expected from sequence similarity: Human