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

EB06912 - Goat Anti-SCN5A Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SCN5A, CDCD2, CMD1E, CMPD2, HB1, HB2, HBBD, ICCD, HH1, IVF, LQT3, SSS1, PFHB1, SSS1, sodium channel, voltage-gated, type V, alpha subunit, Nav1.5, sodium channel, voltage-gated, type V, alpha (long QT syndrome 3), cardiac sodium channel alpha subunit, sodium channel, voltage-gated, type V, alpha polypeptide (long (electrocardiographic) QT syndrome 3), VF1, cardiac tetrodotoxin-insensitive voltage-dependent sodium channel alpha subunit, sodium channel protein type V alpha subunit, voltage-gated sodium channel type V alpha

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 GenelD(s): [6331](#)

Important Comments: This antibody is expected to recognise all reported isoforms (NP_932173.1; NP_000326.2; NP_001092874.1; NP_001092875.1).

Immunogen

Peptide with sequence C-ETDDQSPEKIN, 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 1:2000.

IHC: Paraffin embedded Human Brain (Cortex). Recommended concentration: 8-10µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

EB06912 (8µg/ml) staining of paraffin embedded Human Cortex. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

EB06912 Negative Control showing staining of paraffin embedded Human Cortex, with no primary antibody.