Anti-SCN5A antibody (Internal) (STJ70769)

STJ70769

GENERAL INFORMATION

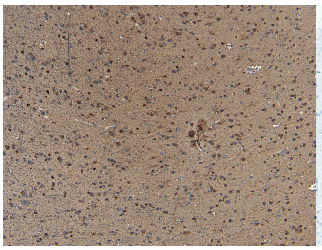
Product Type Primary antibodies
Short Description Goat polyclonal antibody anti-SCN5A (Internal) is suitable for use in ELISA and Immunohistochemistry research applications.
Applications Pep-ELISA/IHC
Host/Source Goat
Reactivity Human/Mouse/Rat/Dog/Cow

PRODUCT PROPERTIES

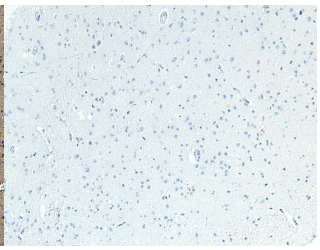
Clonality Polyclonal
Clone ID
Concentration 0.5 mg/mL
Conjugation Unconjugated
Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range Peptide ELISA: antibody detection limit dilution 1:2000.
IHC: Paraffin embedded Human Brain (Cortex). Recommended concentration: 5-8µg/ml.
Formulation 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype IgG
Storage Instruction Store at-20°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

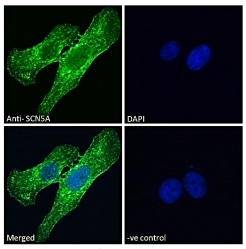
Gene ID 6331
Gene Symbol SCN5A
Uniprot ID SCN5A_HUMAN
Immunogen
Immunogen Region Internal
Specificity This antibody is expected to recognise all reported isoforms (NP_932173.1; NP_000326.2; NP_001092874.1; NP_001092875.1).
Immunogen Sequence ETDDQSPEKIN



STJ70769 (10Âµg/ml) staining of paraffin embedded Human Cortex. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



STJ70769 Negative Control showing staining of paraffin embedded Human Cortex, with no primary antibody.



STJ70769 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0. 15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml) , showing cytoplasmic/ER and membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

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