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Datasheet for ABIN1395355

anti-SCN3A antibody (AA 1401-1600) (Biotin)

Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | SCN3A |
| Binding Specificity: | AA 1401-1600 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SCN3A antibody is conjugated to Biotin |
| Application: | ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

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|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human SCN3A |
| Isotype: | IgG |
| Predicted Reactivity: | Human, Mouse, Rat, Cow, Pig, Chicken |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | SCN3A |
| Alternative Name: | SCN3A (SCN3A Products) |
| Background: | Synonyms: NAC3, Sodium channel protein type 3 subunit alpha, Sodium channel protein type III |

Target Details

subunit alpha, Sodium channel protein, brain III subunit alpha, Voltage gated sodium channel subtype III, Voltage gated sodium channel subunit alpha Nav1.3, SCN3A_HUMAN.

Background: Voltage-gated sodium channels are transmembrane glycoprotein complexes composed of a large alpha subunit with 24 transmembrane domains and one or more regulatory beta subunits. They are responsible for the generation and propagation of action potentials in neurons and muscle. This gene encodes one member of the sodium channel alpha subunit gene family, and is found in a cluster of five alpha subunit genes on chromosome 2.

Multiple transcript variants encoding different isoforms have been found for this gene.

[provided by RefSeq, Jul 2008].

Application Details

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|--------------------|------------------------------------|
| Application Notes: | IHC-P 1:200-400 IHC-F 1:100-500 |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C for 12 months. |
| Expiry Date: | 12 months |