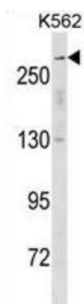


## Sodium Voltage-Gated Channel Alpha Subunit 5 (SCN5A) Antibody

Catalogue No.: abx030654



The protein encoded by this gene is an integral membrane protein and tetrodotoxin-resistant voltage-gated sodium channel subunit. This protein is found primarily in cardiac muscle and is responsible for the initial upstroke of the action potential in an electrocardiogram. Defects in this gene are a cause of long QT syndrome type 3 (LQT3), an autosomal dominant cardiac disease. Alternative splicing results in several transcript variants encoding different isoforms.

|                               |   |
|-------------------------------|---|
| <b>Target:</b>                | Sodium Voltage-Gated Channel Alpha Subunit 5 (SCN5A)  |
| <b>Clonality:</b>             | Polyclonal  |
| <b>Reactivity:</b>            | Human   |
| <b>Tested Applications:</b>   | ELISA, WB   |
| <b>Host:</b>                  | Rabbit  |
| <b>Recommended dilutions:</b> | WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.                    |
| <b>Conjugation:</b>           | Unconjugated  |
| <b>Immunogen:</b>             | KLH-conjugated synthetic peptide between 42-70 amino acids from the N-terminal region of human SCN5A. |
| <b>Isotype:</b>               | IgG   |
| <b>Form:</b>                  | Liquid  |
| <b>Purification:</b>          | Purified through a protein A column, followed by peptide affinity purification.                       |
| <b>Storage:</b>               | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.  |
| <b>UniProt Primary AC:</b>    | Q14524 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )   |
| <b>KEGG:</b>                  | hsa:6331  |

# Datasheet

Version: 4.0.0

Revision date: 29 Aug 2025



**String:** [9606.ENSPO0000410257](#)

**Molecular Weight:** Calculated MW: 227 kDa

**Buffer:** PBS containing 0.09% sodium azide.

**Specificity:** Predicted to react with Mouse and Rat SCN5A.

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only