

Datasheet for ABIN7043645
anti-SCN4A antibody (Intracellular)[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|---|
| Quantity: | 50 µL |
| Target: | SCN4A |
| Binding Specificity: | AA 877-891, Intracellular |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SCN4A antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF) |

Product Details

| | |
|------------------|--|
| Immunogen: | Immunogen: Synthetic peptide Immunogen Sequence: EDKELKDNHILNHVG(C), corresponding to amino acid residues 877-891 of rat NaV1.4 |
| Isotype: | IgG |
| Characteristics: | Anti-SCN4A (NaV1.4) Antibody (ABIN7043645, ABIN7045247 and ABIN7045248)) is a highly specific antibody directed against an epitope of the rat protein. The antibody can be used in western blot and immunocytochemistry applications. It has been designed to recognize NaV1.4 from rat, human, and mouse samples. |
| Purification: | Affinity purified on immobilized antigen. |

Target Details

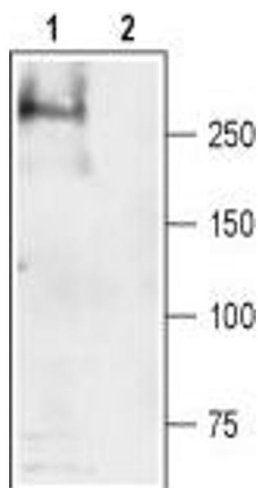
| | |
|-------------------|---|
| Target: | SCN4A |
| Alternative Name: | SCN4A (NaV1.4) (SCN4A Products) |
| Background: | Alternative names: SCN4A (NaV1.4), Sodium channel protein type 4 subunit α , SkM1, Sodium channel protein skeletal muscle subunit α , HYKPP |
| Gene ID: | 25722 |
| NCBI Accession: | NM_000334 |
| UniProt: | P15390 |

Application Details

| | |
|--------------------|--|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

Handling

| | |
|--------------------|--|
| Format: | Lyophilized |
| Reconstitution: | 25 μ L, 50 μ L or 0.2 mL double distilled water (DDW), depending on the sample size. |
| Concentration: | 0.8 mg/mL |
| Buffer: | Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | RT, 4 °C, -20 °C |
| Storage Comment: | <p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p> |



Western Blotting

Image 1. Western blot analysis of rat skeletal muscle lysate: - 1. Anti-SCN4A (Nav1.4) Antibody (ABIN7043645, ABIN7045247 and ABIN7045248), (1:200). 2. Anti-SCN4A (Nav1.4) Antibody, preincubated with SCN4A/Nav1.4 Blocking Peptide (#BLP-SC020).