Datasheet for ABIN1539660

# anti-KCNJ18 antibody (N-Term)

## 1 Image

Go to Product page

## Overview

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|---|---|
| Quantity: | 400 µL |
| Target: | KCNJ18 |
| Binding Specificity: | AA 94-122, N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This KCNJ18 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

## Product Details

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|---|---|
| Immunogen: | This KCNJ18 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 94-122 amino acids from the N-terminal region of human KCNJ18. |
| Clone: | RB30517 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

## Target Details

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|---|---|
| Target: | KCNJ18 |
| Alternative Name: | KCNJ18 (KCNJ18 Products) |
| Background: | Inwardly rectifying potassium channels, such as KCNJ18, maintain resting membrane potential |

## Target Details

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|---|---|
| | in excitable cells and aid in repolarization of cells following depolarization. KCNJ18 is primarily expressed in skeletal muscle and is transcriptionally regulated by thyroid hormone (Ryan et al., 2010 [PubMed 20074522]). |
| Molecular Weight: | 48880 |
| Gene ID: | 100134444 |
| UniProt: | B7U540 |

## Application Details

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| Application Notes: | WB: 1:1000 |
| Restrictions: | For Research Use only |

## Handling

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|---|---|
| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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: | 4 °C,-20 °C |
| Storage Comment: | KCNJ18 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C. |
| Expiry Date: | 6 months |

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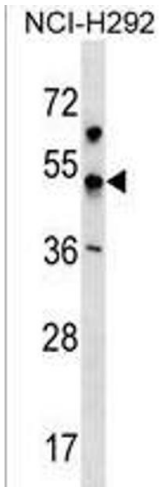


**Western Blotting**

**Image 1.** KCNJ18 Antibody (N-term) (ABIN1539660 and ABIN2850318) western blot analysis in NCI- cell line lysates (35 µg/lane).This demonstrates the KCNJ18 antibody detected the KCNJ18 protein (arrow).

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