Datasheet for ABIN2690203

# anti-KCNV1 antibody (AA 251-350) (Cy5.5)

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## Overview

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|---|---|
| Quantity: | 100 µL |
| Target: | KCNV1 |
| Binding Specificity: | AA 251-350 |
| Reactivity: | Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This KCNV1 antibody is conjugated to Cy5.5 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

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|---|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human TSHR |
| Isotype: | IgG |
| Cross-Reactivity: | Rat |
| Predicted Reactivity: | Human,Mouse,Dog,Cow,Sheep,Pig,Horse,Rabbit |
| Purification: | Purified by Protein A. |

## Target Details

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|---|---|
| Target: | KCNV1 |
| Alternative Name: | KCNV1 (KCNV1 Products) |

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## Target Details

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|---|---|
| Background: | Synonyms: HNKA, KCNB3, KV2.3, KV8.1, Potassium voltage-gated channel subfamily V member 1, Neuronal potassium channel alpha subunit HNKA, Voltage-gated potassium channel subunit Kv8.1, KCNV1<br>Background: Potassium channel subunit that does not form functional channels by itself. Modulates KCNB1 and KCNB2 channel activity by shifting the threshold for inactivation to more negative values and by slowing the rate of inactivation. Can down-regulate the channel activity of KCNB1, KCNB2, KCNC4 and KCND1, possibly by trapping them in intracellular membranes. |
| Gene ID: | 27012 |
| UniProt: | Q6PIU1 |

## Application Details

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|---|---|
| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| 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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |

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