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Datasheet for ABIN2689998  
**anti-KCNV1 antibody (AA 251-350) (HRP)**

### Overview

Quantity:	100 µL
Target:	KCNV1
Binding Specificity:	AA 251-350
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNV1 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

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

Target:	KCNV1
Alternative Name:	KCNV1 ( <a href="#">KCNV1 Products</a> )

## 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

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.

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Gene ID: 27012

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UniProt: [Q6PIU1](#)

## Application Details

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Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months