

Datasheet for ABIN2776147
anti-KCNN4 antibody (C-Term)[Go to Product page](#)

6 Images

Overview

Quantity:	100 µL
Target:	KCNN4
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Cow, Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNN4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human KCNN4
Sequence:	DLQQNLSSSH RALEKQIDTL AGKLDALTEL LSTALGPRQL PEPSQQSK
Predicted Reactivity:	Cow: 92%, Horse: 92%, Human: 100%, Pig: 83%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against KCNN4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	KCNN4
Alternative Name:	KCNN4 (KCNN4 Products)

Target Details

Background:	<p>KCNN4 is part of a potentially heterotetrameric voltage-independent potassium channel that is activated by intracellular calcium. Activation is followed by membrane hyperpolarization, which promotes calcium influx. KCNN4 may be part of the predominant calcium-activated potassium channel in T-lymphocytes. The protein encoded by this gene is part of a potentially heterotetrameric voltage-independent potassium channel that is activated by intracellular calcium. Activation is followed by membrane hyperpolarization, which promotes calcium influx. The encoded protein may be part of the predominant calcium-activated potassium channel in T-lymphocytes. This gene is similar to other KCNN family potassium channel genes, but it differs enough to possibly be considered as part of a new subfamily. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: IK1, IKCA1, KCA4, KCa3.1, SK4, hIKCa1, hKCa4, hSK4</p> <p>Protein Interaction Partner: UBC, RAB7A, TSG101, Cam, CALM1, USP8, PRKAG1,</p> <p>Protein Size: 427</p>
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Molecular Weight:	48 kDa
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Gene ID:	3783
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NCBI Accession:	NM_002250 , NP_002241
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UniProt:	O15554
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 427 AA
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
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Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



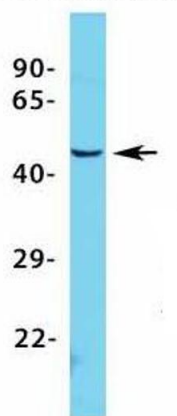
Western Blotting

Image 1. WB Suggested Anti-KCNN4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate

Western Blotting

Image 2. Host: Rabbit Target Name: KCNN4 Sample Tissue: Human Ovary Tumor Antibody Dilution: 1.0ug/ml

KCNN4



Western Blotting

Image 3. Host: Rabbit Target Name: KCNN4 Sample Type: HepG2 Antibody Dilution: 1.0ug/ml

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN2776147.