

Datasheet for ABIN7468772
anti-KCNN4 antibody (C-Term)



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Overview

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

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human KCNN4. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	KCNN4
Alternative Name:	potassium calcium-activated channel subfamily N member 4 (KCNN4 Products)
Background:	Synonyms: potassium calcium-activated channel subfamily N member 4 , DHS2 , IK , IK1 ,

Target Details

IKCA1 , KCA4 , KCa3.1 , SK4 , hIKCa1 , hKCa4 , hSK4

Background: 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. [provided by RefSeq]

Molecular Weight: 48 kDa

Gene ID: 3783

UniProt: [O15554](#)

Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.
Not tested in other applications.

Comment: Positive Control: Jurkat membrane extract Validation: Orthogonal

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.82 mg/mL

Buffer: 1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300

Preservative: ProClin

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

Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.