

Datasheet for ABIN630068
anti-KCNN2 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µg
Target:	KCNN2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNN2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	KCNN2 antibody was raised using the C terminal of KCNN2 corresponding to a region with amino acids IDHAKVRKHQRKFLQAIHQLRSVKMEQRKLNDQANTLVDLAKTQNIMYDM
Specificity:	KCNN2 antibody was raised against the C terminal of KCNN2
Purification:	Purified

Target Details

Target:	KCNN2
Alternative Name:	KCNN2 (KCNN2 Products)
Background:	Action potentials in vertebrate neurons are followed by an afterhyperpolarization (AHP) that may persist for several seconds and may have profound consequences for the firing pattern of the neuron. Each component of the AHP is kinetically distinct and is mediated by different

Target Details

calcium-activated potassium channels. The protein encoded by KCNN2 is activated before membrane hyperpolarization and is thought to regulate neuronal excitability by contributing to the slow component of synaptic AHP. The encoded protein is an integral membrane protein that forms a voltage-independent calcium-activated channel with three other calmodulin-binding subunits. KCNN2 is a member of the KCNN family of potassium channel genes.

Molecular Weight: 64 kDa (MW of target protein)

Application Details

Application Notes: WB: 1.25 µg/mL
Optimal conditions should be determined by the investigator.

Comment: KCNN2 Blocking Peptide, catalog no. 33R-3914, is also available for use as a blocking control in assays to test for specificity of this KCNN2 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of KCNN2 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. KCNN2 antibody used at 1.25 ug/ml to detect target protein.