

Datasheet for ABIN1537260
anti-KCNN1 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	KCNN1
Binding Specificity:	AA 391-419, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNN1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This KCNN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 391-419 amino acids from the C-terminal region of human KCNN1.
Clone:	RB36940
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	KCNN1
Alternative Name:	KCNN1 (KCNN1 Products)
Background:	Action potentials in vertebrate neurons are followed by an afterhyperpolarization (AHP) that

Target Details

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 calcium-activated potassium channels. The protein encoded by this gene 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. This gene is a member of the KCNN family of potassium channel genes.

Molecular Weight: 59987

Gene ID: 3780

NCBI Accession: [NP_002239](#)

UniProt: [Q92952](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

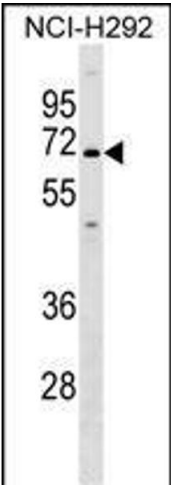
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

Storage Comment: KCNN1 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. KCNN1 Antibody (C-term) (ABIN1537260 and ABIN2848862) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the KCNN1 antibody detected the KCNN1 protein (arrow).