Datasheet for ABIN1538816

anti-Kv1.6/KCNA6 antibody (N-Term)

1 Image

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Overview

Quantity:	400 µL
Target:	Kv1.6/KCNA6 (KCNA6)
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Kv1.6/KCNA6 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This KCNA6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human KCNA6.
Clone:	RB36696
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Kv1.6/KCNA6 (KCNA6)
Alternative Name:	KCNA6 (KCNA6 Products)

Target Details

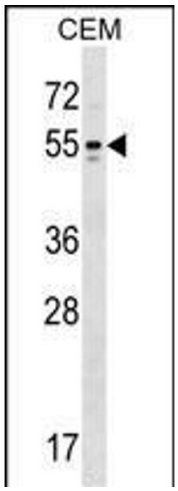
Background:	Potassium channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. Four sequence-related potassium channel genes - shaker, shaw, shab, and shal - have been identified in Drosophila, and each has been shown to have human homolog(s). This gene encodes a member of the potassium channel, voltage-gated, shaker-related subfamily. This member contains six membrane-spanning domains with a shaker-type repeat in the fourth segment. It belongs to the delayed rectifier class. The coding region of this gene is intronless, and the gene is clustered with genes KCNA1 and KCNA5 on chromosome 12.
Molecular Weight:	58729
Gene ID:	3742
NCBI Accession:	NP_002226
UniProt:	P17658

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:	KCNA6 Antibody (N-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. KCNA6 Antibody (N-term) (ABIN1538816 and ABIN2848827) western blot analysis in CEM cell line lysates (35 µg/lane).This demonstrates the KCNA6 antibody detected the KCNA6 protein (arrow).