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Datasheet for ABIN1539647 anti-KCNIP4 antibody (N-Term)

Image



Overview

Quantity:	400 μL
Target:	KCNIP4
Binding Specificity:	AA 10-39, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This KCNIP4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 10-39 amino acids from the N-terminal region of human KCNIP4.
Clone:	RB35760
Isotype:	Ig Fraction
Predicted Reactivity:	Pr
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	KCNIP4
Alternative Name:	KCNIP4 (KCNIP4 Products)
Background:	This gene encodes a member of the family of voltage-gated potassium (Kv) channel-interacting

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Target Details

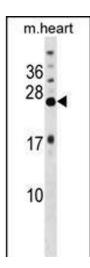
	proteins (KCNIPs), which belong to the recoverin branch of the EF-hand superfamily. Members
	of the KCNIP family are small calcium binding proteins. They all have EF-hand-like domains,
	and differ from each other in the N-terminus. They are integral subunit components of native
	Kv4 channel complexes. They may regulate A-type currents, and hence neuronal excitability, in
	response to changes in intracellular calcium. This protein member also interacts with
	presenilin. Multiple alternatively spliced transcript variants encoding distinct isoforms have
	been identified for this gene.
Molecular Weight:	28729
Gene ID:	80333
NCBI Accession:	NP_001030175, NP_001030176, NP_079497, NP_671710, NP_671711, NP_671712
UniProt:	Q6PIL6

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:	KCNIP4 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. KCNIP4 Antibody (N-term) (ABIN1539647 and ABIN2848467) western blot analysis in mouse heart tissue lysates (35 µg/lane).This demonstrates the KCNIP4 antibody detected the KCNIP4 protein (arrow).

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