Datasheet for ABIN1881476

anti-KCNMB2 antibody (N-Term)

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Overview

Quantity:	400 µL
Target:	KCNMB2
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This KCNMB2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human KCNMB2.
Clone:	RB42799
Isotype:	Ig Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	KCNMB2
Alternative Name:	KCNMB2 (KCNMB2 Products)
Background:	MaxiK channels are large conductance, voltage and calcium-sensitive potassium channels

Target Details

	which are fundamental to the control of smooth muscle tone and neuronal excitability. MaxiK channels can be formed by 2 subunits: the pore-forming alpha subunit and the modulatory beta subunit. The protein encoded by this gene is an auxiliary beta subunit which decreases the activation time of MaxiK alpha subunit currents. Two variants encoding the same protein have been found for this gene. [provided by RefSeq].
Molecular Weight:	27130
NCBI Accession:	NP_001265840, NP_005823, NP_852006
UniProt:	Q9Y691

Application Details

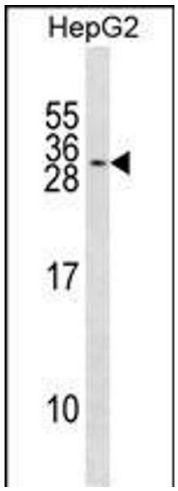
Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

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
Expiry Date:	6 months

Publications

Product cited in:	Mei, Li, Chu, Yiu, Lo: "The inhibitory effects of silver diamine fluoride at different concentrations on matrix metalloproteinases." in: **Dental materials : official publication of the Academy of Dental Materials**, Vol. 28, Issue 8, pp. 903-8, (2012) (PubMed).



Western Blotting

Image 1. KCNMB2 Antibody (N-term) (ABIN1881476 and ABIN2839106) western blot analysis in HepG2 cell line lysates (35 µg/lane).This demonstrates the KCNMB2 antibody detected the KCNMB2 protein (arrow).