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Datasheet for ABIN6242865

anti-KCNMB2 antibody (N-Term)

1 Image

Overview

Quantity:	400 µL
Target:	KCNMB2
Binding Specificity:	AA 32-66, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNMB2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This KCNMB2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 32-66 amino acids from the N-terminal region of human KCNMB2.
Clone:	RB52678
Isotype:	Ig Fraction
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:	Regulatory subunit of the calcium activated potassium KCNMA1 (maxiK) channel. Modulates

Target Details

the calcium sensitivity and gating kinetics of KCNMA1, thereby contributing to KCNMA1 channel diversity. Acts as a negative regulator that confers rapid and complete inactivation of KCNMA1 channel complex. May participate in KCNMA1 inactivation in chromaffin cells of the adrenal gland or in hippocampal CA1 neurons.

Molecular Weight: 27130

UniProt: [Q9Y691](#)

Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

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

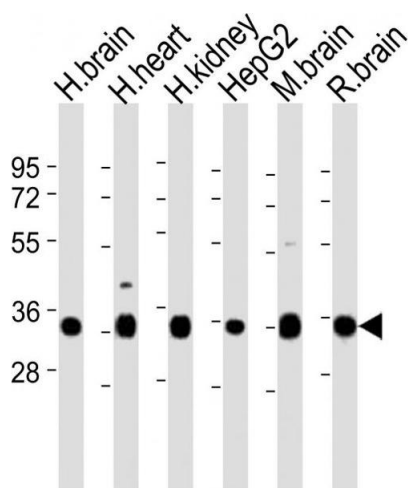
Preservative: Sodium azide

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

Images



Western Blotting

Image 1. All lanes : Anti-KCNMB2 Antibody (N-term) at 1:2000 dilution Lane 1: human brain lysates Lane 2: human heart lysates Lane 3: human kidney lysates Lane 4: HepG2 whole cell lysates Lane 5: mouse brain lysates Lane 6: rat brain lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 27 kDa Blocking/Dilution buffer: 5 % NFDN/TBST.