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Datasheet for ABIN6142762
anti-KCNMB2 antibody (AA 68-194)

1 Image

Overview

Quantity:	100 µL
Target:	KCNMB2
Binding Specificity:	AA 68-194
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNMB2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 68-194 of human KCNMB2 (NP_005823.1).
Sequence:	TLLRSYMQSV WTEESQCTLL NASITETFNC SFSCGPDCWK LSQYPCLQVY VNLTSSGEKL LLYHTEETIK INQKCSYIPK CGKNFEESMS LVNVVMENFR KYQHFSCYSY PEGNQKSVIL TKLYSSN
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	KCNMB2
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Target Details

Alternative Name: [KCNMB2 \(KCNMB2 Products\)](#)

Background: MaxiK channels are large conductance, voltage and calcium-sensitive potassium channels 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. Alternative splicing results in multiple transcript variants of this gene. Additional variants are discussed in the literature, but their full length nature has not been described.,KCNMB2,Neuroscience,KCNMB2

Molecular Weight: 27 kDa

Gene ID: 10242

UniProt: [Q9Y691](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Comment: HIGH QUALITY

Restrictions: For Research Use only

Handling

Format: Liquid

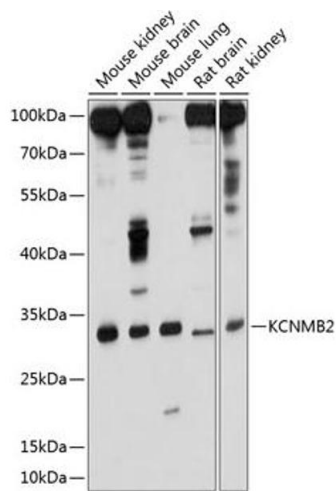
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

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: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using KCNMB2 antibody (ABIN6129436, ABIN6142762, ABIN6142763 and ABIN6214468) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.