

## KCNMB2

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**Reactivity:**Mouse Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:2000

**Calculated MW:**27kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human KCNMB2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Catalog #:**A10277

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**10242

**Isotype:**IgG

**Swiss Prot:**Q9Y691

**Purity:**Affinity purification

For research use only.

**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.

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