

# KCNMB2 Rabbit pAb

Catalog No.: A10277

## Basic Information

### Observed MW

30kDa

### Calculated MW

27kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Mouse, Rat

## 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.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

10242

### Swiss Prot

Q9Y691

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 68-194 of human KCNMB2 (NP\_005823.1).

### Synonyms

KCNMB2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

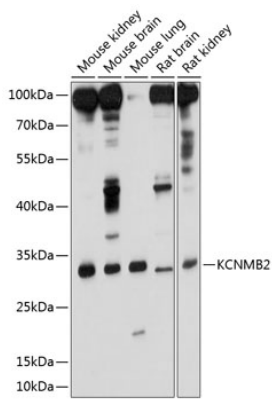
### Storage

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

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

## Validation Data

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Western blot analysis of extracts of various cell lines, using KCNMB2 antibody (A10277) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.