

# KCNMB2 Rabbit Polyclonal Antibody



CAB10277

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

30kDa

### Calculated MW:

27kDa

### Applications:

WB IHC

### Reactivity:

Human, Mouse, Rat

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein 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.

## Immunogen information

### Gene ID:

10242

### Uniprot

Q9Y691

### Synonyms:

KCNMB2

### Immunogen:

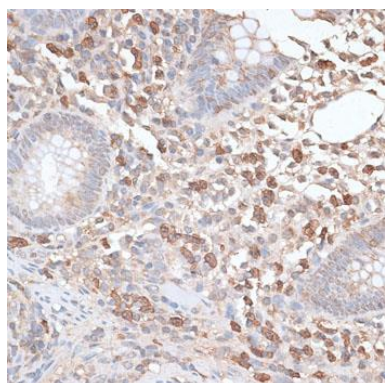
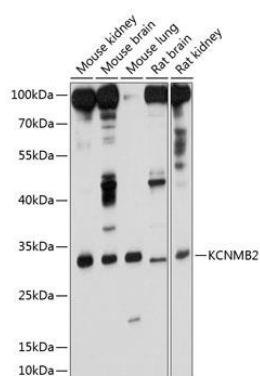
Recombinant fusion protein containing a sequence corresponding to amino acids 68-194 of human KCNMB2 (NP\_005823.1).

### Storage:

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

## Product Images

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Western blot analysis of extracts of various cell lines, using KCNMB2 antibody (CAB10277) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.

Immunohistochemistry of paraffin-embedded human appendix using KCNMB2 antibody (CAB10277) at dilution of 1:100 (40x lens).