

Anti-KCNMB2 Antibody
Rabbit polyclonal antibody to KCNMB2
Catalog # AP59792**Specification**

Anti-KCNMB2 Antibody - Product Information

Application	WB, IP
Primary Accession	O9Y691
Other Accession	O9CZM9
Reactivity	Human, Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27130

Anti-KCNMB2 Antibody - Additional Information**Gene ID** 10242**Other Names**

Calcium-activated potassium channel subunit beta-2; BK channel subunit beta-2; BKbeta2; Hbeta2; Calcium-activated potassium channel, subfamily M subunit beta-2; Charybdotoxin receptor subunit beta-2; Hbeta3; K(VCA)beta-2; Maxi K channel subunit beta-2; Slo-beta-2

Target/Specificity

Recognizes endogenous levels of KCNMB2 protein.

Dilution

WB~~WB (1/500 - 1/1000), IP (1/10 - 1/100)

IP~~N/A

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-KCNMB2 Antibody - Protein Information**Name** KCNMB2**Function**

Regulatory subunit of the calcium activated potassium KCNMA1 (maxiK) channel. Modulates 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.

Cellular Location

Membrane; Multi-pass membrane protein.

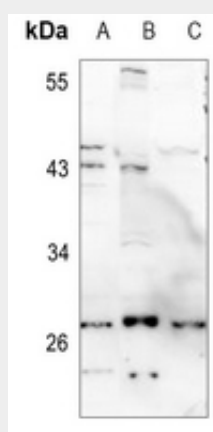
Tissue Location

Expressed in kidney, heart and brain. Highly expressed in ovary. Expressed at low level in other tissues

Anti-KCNMB2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-KCNMB2 Antibody - Images

Western blot analysis of KCNMB2 expression in U87MG (A), SP20 (B), H9C2 (C) whole cell lysates.

Anti-KCNMB2 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human KCNMB2. The exact sequence is proprietary.