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Anti-KCNMB2 Antibody

Rabbit polyclonal antibody to KCNMB2

Catalog # AP59792

Specification

Anti-KCNMB2 Antibody - Product Information

Application	**WB**
Primary Accession	Q9Y691
Other Accession	Q9CZM9
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)

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.

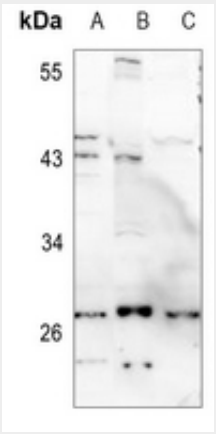
Tissue Location
Expressed in kidney, heart and brain. Highly expressed in ovary. Expressed at low level in other tissues

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 Cytomety
- 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.