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Anti-KCNMB2 Antibody

Rabbit polyclonal antibody to KCNMB2
Catalog # AP59792

Product Information

Application	WB, IP
Primary Accession	Q9Y691
Other Accession	Q9CZM9
Reactivity	Human, Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27130

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

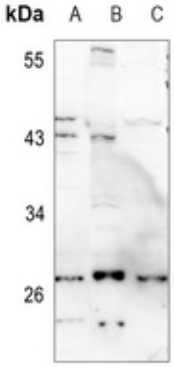
Protein Information

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

Background

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

Images



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