

MaxiKβ2 Polyclonal Antibody

Catalog # AP70851

Product Information

Application WB, IHC-P Primary Accession 09Y691

Reactivity Human, Mouse, Rat

HostRabbitClonalityPolyclonalCalculated MW27130

Additional Information

Gene ID 10242

Other Names KCNMB2; 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 cha

Dilution WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.

ELISA: 1/20000. Not yet tested in other applications. IHC-P~~N/A

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

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.

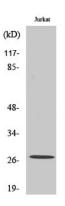
Tissue Location Expressed in kidney, heart and brain. Highly expressed in ovary. Expressed at

low level in other tissues

Background

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.

Images



Western Blot analysis of various cells using MaxiK β 2 Polyclonal Antibody diluted at 1 : 500

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.