

MaxiK β 2 Polyclonal Antibody Catalog # AP70851

Specification

MaxiK β 2 Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q9Y691
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

MaxiK β 2 Polyclonal Antibody - 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

MaxiK β 2 Polyclonal 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

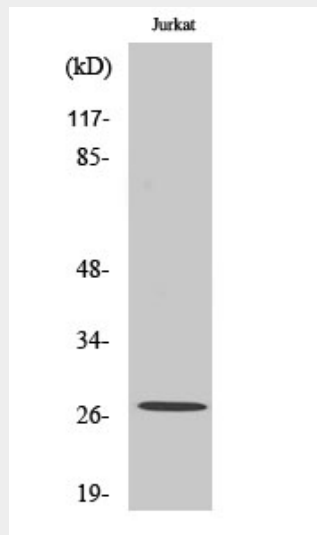
Expressed in kidney, heart and brain. Highly expressed in ovary. Expressed at low level in other tissues

MaxiK β 2 Polyclonal 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](#)

MaxiK β 2 Polyclonal Antibody - Images



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

MaxiK β 2 Polyclonal Antibody - Background

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