

**MaxiK $\beta$ 2 Polyclonal Antibody**  
Catalog # AP70851**Specification****MaxiK $\beta$ 2 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q9Y691</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

**MaxiK $\beta$ 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.

**Format**

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

**Storage Conditions**

-20°C

**MaxiK $\beta$ 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**

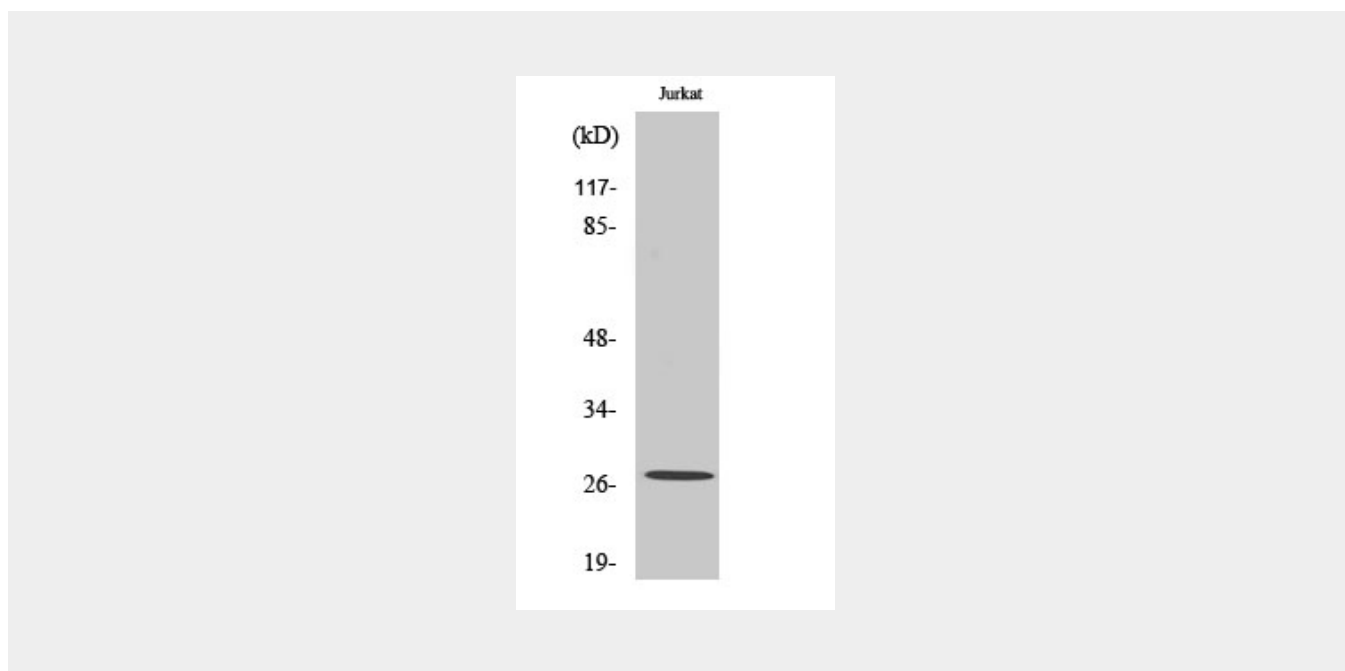
Expressed in kidney, heart and brain. Highly expressed in ovary. Expressed at low level in other tissues

## MaxiK $\beta$ 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 $\beta$ 2 Polyclonal Antibody - Images



## MaxiK $\beta$ 2 Polyclonal Antibody - Background

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