

MaxiK? Polyclonal Antibody

Cat No: HR1AP3865

For research use only

Overview

Product Name	MaxiK? Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	24kDa
GeneID?Human?	KCNMB4
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	KCNMB4; Calcium-activated potassium channel subunit beta-4; BK channel subunit beta-4; BKbeta4; Hbeta4; Calcium-activated potassium channel; subfamily M subunit beta-4; Charybdotoxin receptor subunit
Background	potassium calcium-activated channel subfamily M regulatory beta subunit 4(KCNMB4) Homo sapiens MaxiK channels are large conductance, voltage and calcium-sensitive potassium channels which are fundamental to the control of smooth muscle tone and neuronal excitability. MaxiK channels can be formed by 2 subunits: the pore-forming alpha subunit and the modulatory beta subunit. The protein encoded by this gene is an auxiliary beta subunit which slows activation kinetics, leads to steeper calcium sensitivity, and shifts the voltage range of current activation to more negative potentials than does the beta 1 subunit. [provided by RefSeq, Jul 2008],