

# MaxiK? Polyclonal Antibody

Cat No: HR1AP3864

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	137kDa
GeneID?Human?	KCNMA1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	KCNMA1; KCNMA; SLO; Calcium-activated potassium channel subunit alpha-1; BK channel; BKCA alpha; Calcium-activated potassium channel; subfamily M subunit alpha-1; K(VCA)alpha; KCa1.1; Maxi K channel;
Background	potassium calcium-activated channel subfamily M alpha 1(KCNMA1) 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, which is the product of this gene, and the modulatory beta subunit. Intracellular calcium regulates the physical association between the alpha and beta subunits. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008],