KCNMB1 Antibody

Catalog No: #43133

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Description

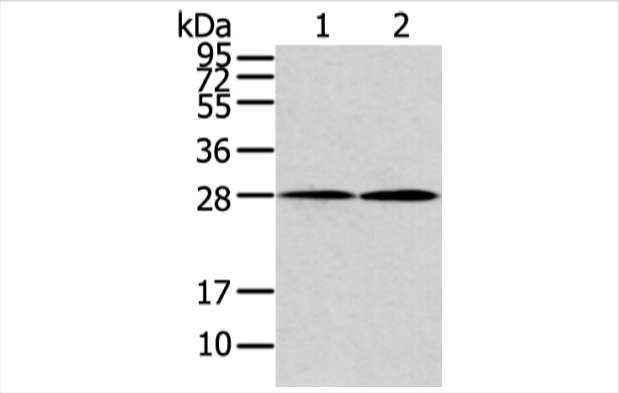
Product Name	KCNMB1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total KCNMB1 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human KCNMB1
Target Name	KCNMB1
Other Names	hbeta1; BKbeta1; SLO-BETA; hslo-beta; K(VCA)beta; slo-beta-1; k(VCA)beta-1
Accession No.	Swiss-Prot#: Q16558Gene ID: 3779
Uniprot	Q16558
GeneID	3779;
Calculated MW	22kd
Concentration	2.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:20-1:100

Images



Gel: 12%SDS-PAGE
Lysate: 40 µg
Lane 1-2: Mouse heart and lung tissue
Primary antibody: 1/500 dilution
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 15 seconds

Background

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 product of this gene, the modulatory beta subunit. Intracellular calcium regulates the physical association between the alpha and beta subunits.

Note: This product is for in vitro research use only