OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA351319

KCNMB1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse heart and lung tissue
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human KCNMB1
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glyceroln
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	22 kDa
Gene Name:	potassium calcium-activated channel subfamily M regulatory beta subunit 1
Database Link:	NP_004128 Entrez Gene 16533 MouseEntrez Gene 3779 Human Q16558
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.
Synonyms:	BKbeta1; hbeta1; hslo-beta; K(VCA)beta; k(VCA)beta-1; SLO-BETA; slo-beta-1
Protein Families:	Druggable Genome, Ion Channels: Other, Transmembrane

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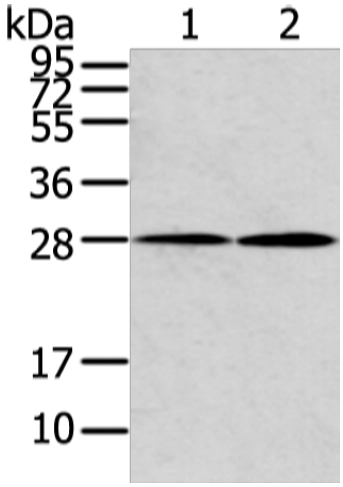
Protein Pathways: Vascular smooth muscle contraction

Product images:



Gel: 12%SDS-PAGE
Lysate: 40 µg
Lane 1-2: Mouse heart and lung tissue
Primary antibody: TA351319 (KCNMB1 Antibody) at dilution 1/500
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 15 seconds