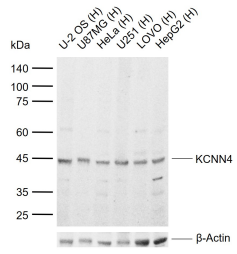
www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

KCNN4 Rabbit pAb

Catalog Number:	bs-6675R
Target Protein:	KCNN4
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000), ELISA (1:5000-10000)
Reactivity:	Human, Mouse (predicted:Rat)
Predicted MW:	50 kDa
Entrez Gene:	3783
Swiss Prot:	O15554
Source:	KLH conjugated synthetic peptide derived from human KCNN4: 325-427/427.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	Forms a voltage-independent potassium channel that is activated by intracellular calcium. Activation is followed by membrane hyperpolarization which promotes calcium influx. Required for maximal calcium influx and proliferation during the reactivation of naive T cells. The channel is blocked by clotrimazole and charybdotoxin but is insensitive to apamin.

VALIDATION IMAGES



Sample: Lane 1: Human U-2 OS cell lysates Lane 2: Human U87MG cell lysates Lane 3: Human HeLa cell lysates Lane 4: Human U251 cell lysates Lane 5: Human LOVO cell lysates Lane 6: Human HepG2 cell lysates Primary: Anti-KCNN4 (bs-6675R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 50 kDa Observed band size: 45 kDa

PRODUCT SPECIFIC PUBLICATIONS

[IF=6.543] Liu Dishiwen. et al. Cardiac Fibroblasts Promote Ferroptosis in Atrial Fibrillation by Secreting Exo-miR-23a-3p Targeting

SLC7A11. OXID MED CELL LONGEV. 2022;2022:3961495 WB ; Dog,Rat . 35677105

[IF=4.3] Lively et al. Comparing Effects of Transforming Growth Factor β1 on Microglia From Rat and Mouse: Transcriptional Profiles and Potassium Channels. (2018) Front.Cell.Neurosci. 12:115 WB ; Rat . 29780305

[IF=3.23] Zhang, Panshi, et al. "Inhibition of SK4 Potassium Channels Suppresses Cell Proliferation, Migration and the Epithelial-Mesenchymal Transition in Triple-Negative Breast Cancer Cells." PLOS ONE 11.4 (2016): e0154471. IHC ; ="Human" . 27124117

[IF=3.4] Huiyu Chen. et al. M2 macrophage-derived exosomes alleviate KCa3.1 channel expression in rapidly paced HL-1 myocytes via the NF-κB (p65)/STAT3 signaling pathway. MOL MED REP. 2024 Apr;29(4):1-11 IF ; Mouse . 38334149