KCNMB1 Conjugated Antibody

Catalog No: #C43133

Package Size: #C43133-AF350 100ul #C43133-AF405 100ul #C43133-AF488 100ul #C43133-AF555 100ul #C43133-AF594 100ul #C43133-AF647 100ul #C43133-AF680 100ul #C43133-AF750 100ul #C43133-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	KCNMB1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total KCNMB1 protein.
Immunogen Description	Synthetic peptide of human KCNMB1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	hbeta1; BKbeta1; SLO-BETA; hslo-beta; K(VCA)beta; slo-beta-1; k(VCA)beta-1
Accession No.	Swiss-Prot#:Q16558NCBI Gene ID:3779NCBI mRNA#:NP_004128NCBI Protein#:
Uniprot	Q16558
GeneID	3779;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	22KD
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°Cin dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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