

KCNK18 Conjugated Antibody

Catalog No: #C47686



Package Size: #C47686-AF350 100ul #C47686-AF405 100ul #C47686-AF488 100ul
 #C47686-AF555 100ul #C47686-AF594 100ul #C47686-AF647 100ul
 #C47686-AF680 100ul #C47686-AF750 100ul #C47686-Biotin 100ul

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Description

Product Name	KCNK18 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu, Ms
Specificity	The antibody detects endogenous levels of total KCNK18 protein.
Immunogen Description	Synthetic peptide of human KCNK18
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	TRIK; MGR13; TRESK; TRESK2; K2p18.1; TRESK-2
Accession No.	Swiss-Prot#:Q7Z418NCBI Gene ID:338567NCBI mRNA#:NCBI Protein#:NP_862823
Uniprot	Q7Z418
GeneID	338567;
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	44 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in 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

Potassium channels play a role in many cellular processes including maintenance of the action potential, muscle contraction, hormone secretion, osmotic regulation, and ion flow. This gene encodes a member of the superfamily of potassium channel proteins containing two pore-forming P domains and the encoded protein functions as an outward rectifying potassium channel. A mutation in this gene has been found to be associated with migraine with aura.

Note: This product is for in vitro research use only