

## KCNK2 Conjugated Antibody

Catalog No: #C47807



Package Size: #C47807-AF350 100ul #C47807-AF405 100ul #C47807-AF488 100ul  
 #C47807-AF555 100ul #C47807-AF594 100ul #C47807-AF647 100ul  
 #C47807-AF680 100ul #C47807-AF750 100ul #C47807-Biotin 100ul

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## Description

Product Name	KCNK2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu, Ms, Rat
Specificity	The antibody detects endogenous levels of total KCNK2 protein.
Immunogen Description	Synthetic peptide of human KCNK2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	TREK; TPKC1; TREK1; K2p2.1; TREK-1; hTREK-1c; hTREK-1e
Accession No.	Swiss-Prot#:O95069NCBI Gene ID:3776NCBI mRNA#:NCBI Protein#:NP_001017425
Uniprot	O95069
GeneID	3776;
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	47 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

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This gene encodes one of the members of the two-pore-domain background potassium channel protein family. This type of potassium channel is formed by two homodimers that create a channel that leaks potassium out of the cell to control resting membrane potential. The channel can be opened, however, by certain anesthetics, membrane stretching, intracellular acidosis, and heat. Three transcript variants encoding different isoforms have been found for this gene.

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Note: This product is for in vitro research use only