

## KCNJ9 Conjugated Antibody

Catalog No: #C37594



Package Size: #C37594-AF350 100ul #C37594-AF405 100ul #C37594-AF488 100ul  
 #C37594-AF555 100ul #C37594-AF594 100ul #C37594-AF647 100ul  
 #C37594-AF680 100ul #C37594-AF750 100ul #C37594-Biotin 100ul

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## Description

Product Name	KCNJ9 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total KCNJ9 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human potassium inwardly-rectifying channel, subfamily J, member 9
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	GIRK3; KIR3.3
Accession No.	Swiss-Prot#:Q92806NCBI Gene ID:3765NCBI Protein#:NP_002231
Uniprot	Q92806
GeneID	3765;
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
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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Potassium channels are present in most mammalian cells, where they participate in a wide range of physiologic responses. The protein encoded by this gene is an integral membrane protein and inward-rectifier type potassium channel. The encoded protein, which has a greater tendency to allow potassium to flow into a cell rather than out of a cell, is controlled by G-proteins. It associates with another G-protein-activated potassium channel to form a heteromultimeric pore-forming complex.?

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Note: This product is for in vitro research use only