

## KCNQ1 Conjugated Antibody

Catalog No: #C32641



Package Size: #C32641-AF350 100ul #C32641-AF405 100ul #C32641-AF488 100ul  
 #C32641-AF555 100ul #C32641-AF594 100ul #C32641-AF647 100ul  
 #C32641-AF680 100ul #C32641-AF750 100ul #C32641-Biotin 100ul

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## Description

Product Name	KCNQ1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total KCNQ1 protein.
Immunogen Description	Recombinant protein of human KCNQ1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	KCNQ1;ATFB1;ATFB3;JLNS1;KCNA8
Accession No.	Swiss-Prot#:P51787NCBI Gene ID:3784
Uniprot	P51787
GeneID	3784;
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	61
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

## Product Description

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Antibodies were purified by affinity purification using immunogen.

## Background

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KCNQ1 is a protein for a voltage-gated potassium channel required for the repolarization phase of the cardiac action potential. The gene product can form heteromultimers with two other potassium channel proteins, KCNE1 and KCNE3.

Holm,H., et.al., Nat. Genet. 42 (2), 117-122 (2010)

Ohshige,T., et. al., Diabetes Care (2010) In press

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Note: This product is for in vitro research use only