

KCNG4 Conjugated Antibody

Catalog No: #C37677



Package Size: #C37677-AF350 100ul #C37677-AF405 100ul #C37677-AF488 100ul
 #C37677-AF555 100ul #C37677-AF594 100ul #C37677-AF647 100ul
 #C37677-AF680 100ul #C37677-AF750 100ul #C37677-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	KCNG4 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total KCNG4 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human potassium voltage-gated channel, subfamily G, member 4
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	KV6.3; KV6.4
Accession No.	Swiss-Prot#:Q8TDN1NCBI Gene ID:93107NCBI mRNA#:NCBI Protein#:NP_579875
Uniprot	Q8TDN1
GeneID	93107;
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	59
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

Background

Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a member of the potassium channel, voltage-gated, subfamily G. This member functions as a modulatory subunit. The gene has strong expression in brain. Multiple alternatively spliced variants have been found in normal and cancerous tissues.

Note: This product is for in vitro research use only