KCNH6 Conjugated Antibody

Catalog No: #C40058

Package Size: #C40058-AF350 100ul #C40058-AF405 100ul #C40058-AF488 100ul #C40058-AF555 100ul #C40058-AF594 100ul #C40058-AF647 100ul #C40058-AF680 100ul #C40058-AF750 100ul #C40058-Biotin 100ul

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Description

Product Name	KCNH6 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total KCNH6 protein.
Immunogen Description	Fusion protein corresponding to residues near the N terminal of human potassium voltage-gated channel, subfamily H (eag-related), member 6
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ERG2; ERG-2; HERG2; Kv11.2; hERG-2
Accession No.	Swiss-Prot#:Q9H252NCBI Gene ID:81033NCBI mRNA#:NCBI Protein#:BC006334
Uniprot	Q9H252
GeneID	81033;
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	110
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°Cin 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

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 H. This member is a pore-forming (alpha) subunit. Alternative splicing results in multiple transcript variants that encode different isoforms.

Note: This product is for in vitro research use only