Potassium Channel Kv3.2b Conjugated Antibody

Catalog No: #C33473

Package Size: #C33473-AF350 100ul #C33473-AF405 100ul #C33473-AF488 100ul #C33473-AF555 100ul #C33473-AF594 100ul #C33473-AF647 100ul #C33473-AF680 100ul #C33473-AF750 100ul #C33473-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	Potassium Channel Kv3.2b Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total Potassium Channel Kv3.2b protein.
Immunogen Description	Synthesized peptide derived from human Potassium Channel Kv3.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	POTASSIUM CHANNEL;VOLTAGE-GATED;SHAW-RELATED SUBFAMILY;MEMBER 2
Accession No.	Swiss-Prot#:Q96PR1NCBI Gene ID:3747
Uniprot	Q96PR1
GeneID	3747;
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	70
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

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Background

Mediates the voltage-dependent potassium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a potassium-selective channel through which potassium ions may pass in accordance with their electrochemical gradient. Channel properties are modulated by subunit assembly By similarity.

Note: This product is for in vitro research use only