PRKACG Conjugated Antibody

Catalog No: #C35881

Package Size: #C35881-AF350 100ul #C35881-AF405 100ul #C35881-AF488 100ul #C35881-AF555 100ul #C35881-AF594 100ul #C35881-AF647 100ul #C35881-AF680 100ul #C35881-AF750 100ul #C35881-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	PRKACG Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PRKACG protein.
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human protein kinase, cAMP-dependent, catalytic, gamma
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	KAPG; PKACg
Accession No.	Swiss-Prot#:P22612NCBI Gene ID:5568NCBI Protein#:BC039888
Uniprot	P22612
GeneID	5568;
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

cAMP-dependent protein kinase catalytic subunit gamma is an enzyme that in humans is encoded by the PRKACG gene. Cyclic AMP-dependent protein kinase (PKA) consists of two catalytic subunits and a regulatory subunit dimer. This gene encodes the gamma form of its catalytic subunit. The gene is intronless and is thought to be a retrotransposon derived from the gene for the alpha form of the PKA catalytic subunit. PRKACG has been shown to interact with Ryanodine receptor 2.

Note: This product is for in vitro research use only