

PHKG1 Conjugated Antibody

Catalog No: #C37824

Package Size: #C37824-AF350 100ul #C37824-AF405 100ul #C37824-AF488 100ul

#C37824-AF555 100ul #C37824-AF594 100ul #C37824-AF647 100ul

#C37824-AF680 100ul #C37824-AF750 100ul #C37824-Biotin 100ul

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Description

Product Name	PHKG1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total PHKG1 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human phosphorylase kinase, gamma 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	PHKG
Accession No.	Swiss-Prot#:Q16816NCBI Gene ID:5260NCBI mRNA#:NCBI Protein#:NP_000283/P46019
Uniprot	Q16816
GeneID	5260;
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	45
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

This gene is a member of the Ser/Thr protein kinase family and encodes a protein with one protein kinase domain and two calmodulin-binding domains. This protein is the catalytic member of a 16 subunit protein kinase complex which contains equimolar ratios of 4 subunit types. The complex is a crucial glycogenolytic regulatory enzyme. This gene has two pseudogenes at chromosome 7q11.21 and one at chromosome 11p11.12. Multiple transcript variants encoding different isoforms have been found for this gene.?

Note: This product is for in vitro research use only