

## PHKG2 Conjugated Antibody

Catalog No: #C37825



Package Size: #C37825-AF350 100ul #C37825-AF405 100ul #C37825-AF488 100ul

#C37825-AF555 100ul #C37825-AF594 100ul #C37825-AF647 100ul

#C37825-AF680 100ul #C37825-AF750 100ul #C37825-Biotin 100ul

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## Description

|                       |                                                                                                                                                                              |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | PHKG2 Conjugated Antibody                                                                                                                                                    |
| Host Species          | Rabbit                                                                                                                                                                       |
| Clonality             | Polyclonal                                                                                                                                                                   |
| Species Reactivity    | Hu                                                                                                                                                                           |
| Specificity           | The antibody detects endogenous levels of total PHKG2 protein.                                                                                                               |
| Immunogen Description | Synthetic peptide corresponding to residues near the C terminal of human phosphorylase kinase, gamma 2                                                                       |
| Conjugates            | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750                                                                                                                       |
| Other Names           | GSD9C                                                                                                                                                                        |
| Accession No.         | Swiss-Prot#:P15735NCBI Gene ID:5261NCBI mRNA#:NCBI Protein#:NP_006204/Q16816                                                                                                 |
| Uniprot               | P15735                                                                                                                                                                       |
| GeneID                | 5261;                                                                                                                                                                        |
| Excitation Emission   | AF350: 346nm/442nm<br>AF405: 401nm/421nm<br>AF488: 493nm/519nm<br>AF555: 555nm/565nm<br>AF594: 591nm/614nm<br>AF647: 651nm/667nm<br>AF680: 679nm/702nm<br>AF750: 749nm/775nm |
| Calculated MW         | 46                                                                                                                                                                           |
| 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

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Phosphorylase kinase is a polymer of 16 subunits, four each of alpha, beta, gamma and delta. The alpha subunit includes the skeletal muscle and hepatic isoforms, encoded by two different genes. The beta subunit is the same in both the muscle and hepatic isoforms, and encoded by one gene. The gamma subunit also includes the skeletal muscle and hepatic isoforms, and the hepatic isoform is encoded by this gene. The delta subunit is a calmodulin and can be encoded by three different genes.

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Note: This product is for in vitro research use only