

PCK1 Conjugated Antibody

Catalog No: #C32565



Package Size: #C32565-AF350 100ul #C32565-AF405 100ul #C32565-AF488 100ul
 #C32565-AF555 100ul #C32565-AF594 100ul #C32565-AF647 100ul
 #C32565-AF680 100ul #C32565-AF750 100ul #C32565-Biotin 100ul

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Description

Product Name	PCK1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total PCK1 protein.
Immunogen Description	A synthetic peptide of human PCK1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	MGC22652;PEPCK-C;PEPCK1;PEPCKC
Accession No.	Swiss-Prot#:P35558NCBI Gene ID:5105
Uniprot	P35558
GeneID	5105;
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	69
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

Antibodies were purified by affinity purification using immunogen.

Background

PCK1(Phosphoenolpyruvate carboxykinase, cytosolic) is also named as PEPCCK1 and belongs to the phosphoenolpyruvate carboxykinase family. It catalyzes the formation of phosphoenolpyruvate from oxaloacetate, with the release of carbon dioxide and GDP. It is also a main control point for the regulation of gluconeogenesis. In eukaryotes there are two isozymes: a cytoplasmic one and a mitochondrial one. Defects in PCK1 are the cause of cytosolic phosphoenolpyruvate carboxykinase deficiency (C-PEPCKD). This antibody is specific to PCK1.

Note: This product is for in vitro research use only