rbsK Polyclonal Conjugated Antibody

Catalog No: #C42625

Package Size: #C42625-AF350 100ul #C42625-AF405 100ul #C42625-AF488 100ul #C42625-AF555 100ul #C42625-AF594 100ul #C42625-AF647 100ul #C42625-AF680 100ul #C42625-AF750 100ul #C42625-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	rbsK Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	E.coli
Specificity	The antibody detects endogenous level of total rbsK polyclonal antibody.
Immunogen Description	Recombinant Escherichia coli Ribokinase protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	rbsK,b3752, JW3731
Accession No.	Swiss-Prot#:P0A9J6
Uniprot	P0A9J6
GeneID	948260;
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	32
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

In enzymology, a ribokinase (EC 2.7.1.15) is an enzyme that catalyzes the chemical reaction nATP + D-ribose ADP + D-ribose 5-phosphate.Thus, the two substrates of this enzyme are ATP and D-ribose, whereas its two products are ADP and D-ribose 5-phosphate.This enzyme belongs to the family of transferases, specifically those transferring phosphorus-containing groups (phosphotransferases) with an alcohol group as acceptor. The systematic name of this enzyme class is ATP:D-ribose 5-phosphotransferase. Other names in common use include deoxyribokinase, ribokinase (phosphorylating), and D-ribokinase. This enzyme participates in pentose phosphate pathway.

Note: This product is for in vitro research use only