Nucleoside diphosphate kinase A Polyclonal Conjugated Antibody

Catalog No: #C42376

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Package Size: #C42376-AF350 100ul #C42376-AF405 100ul #C42376-AF488 100ul #C42376-AF555 100ul #C42376-AF594 100ul #C42376-AF647 100ul #C42376-AF680 100ul #C42376-AF750 100ul #C42376-Biotin 100ul

Description

Product Name	Nucleoside diphosphate kinase A Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Nucleoside diphosphate kinase A polyclonal antibody.
Immunogen Description	Recombinant human Nucleoside diphosphate kinase A protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	NDK A,NDP kinase A,A-activated DNase,GAAD,Metastasis inhibition factor nm23,Tumor metastatic process-associated protein,nm23-H1
Accession No.	Swiss-Prot#:P15531
Uniprot	P15531
GeneID	4830;
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	16.7
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

Major role in the synthesis of nucleoside triphosphates other than ATP. Possesses nucleoside-diphosphate kinase, serine/threonine-specific protein kinase, geranyl and farnesyl pyrophosphate kinase, histidine protein kinase and 3'-5' exonuclease activities. Involved in cell proliferation, differentiation and development, signal transduction, G protein-coupled receptor endocytosis, and gene expression. Required for neural development including neural patterning and cell fate determination.

Note: This product is for in vitro research use only