Datasheet for ABIN568336

anti-Nucleoside Monophosphate Kinase antibody

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Overview

Quantity:	10 mg
Target:	Nucleoside Monophosphate Kinase
Reactivity:	Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Nucleoside Monophosphate Kinase antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Dot Blot (DB), Enzyme Immunoassay (EIA), Immunodiffusion (ID), Immunoprecipitation (IP), Radioimmunoassay (RIA)

Product Details

Immunogen:	Nucleoside Monophosphate Kinase isolated and purified from Bovine liver. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Purification:	Ammonium Sulphate Precipitation and Ion Exchange Chromatography

Target Details

Target:	Nucleoside Monophosphate Kinase
Abstract:	Nucleoside Monophosphate Kinase Products
Background:	Nucleoside monophosphate (NMP) kinases are ubiquitous enzymes involved in the biosynthesis of nucleotides. Each enzyme catalyses the synthesis of a nucleoside diphosphate that is, in turn, converted to a nucleoside triphosphate by a non-specific nucleoside diphosphate

Target Details

	kinase. In prokaryotes, there are five NMP kinases, one for the phosphorylation of each NMP, whereas in eukaryotic organisms, the phosphorylation of both uridine monophosphate (UMP) and cytidine monophosphate (CMP) is carried out by a bifunctional UMP/CMP kinase (Liljelund and Lacroute, 1986).Synonyms: NMPK, Nucleoside monophosphokinase

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Reconstitution:	Restore by adding 1 mL of sterile distilled water
Concentration:	10.0 mg/mL
Buffer:	PBS, pH 7.2 without preservatives and foreign proteins
Preservative:	Without preservative
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody lyophilized at 2-8 °C and reconstituted at 2-8 °C for one week or (in aliquots) at -20 °C for longer. If a slight precipitation occurs upon storage, this should be removed by centrifugation.