

Datasheet for ABIN7143345

anti-Adenylate Kinase 1 antibody (AA 1-194) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Adenylate Kinase 1 (AK1)
Binding Specificity:	AA 1-194
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Adenylate Kinase 1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Adenylate kinase isoenzyme 1 protein (1-194AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Adenylate Kinase 1 (AK1)
Alternative Name:	AK1 (AK1 Products)
Background:	Background: Catalyzes the reversible transfer of the terminal phosphate group between ATP and AMP. Also displays broad nucleoside diphosphate kinase activity. Plays an important role in

Target Details

cellular energy homeostasis and in adenine nucleotide metabolism.

Aliases: Adenylate kinase 1 antibody, Adenylate kinase isoenzyme 1 antibody, Adenylate kinase soluble antibody, AK 1 antibody, Ak1 antibody, ATP AMP transphosphorylase antibody, ATP-AMP transphosphorylase 1 antibody, KAD1 antibody, KAD1_HUMAN antibody, Myokinase antibody

UniProt: [P00568](#)

Pathways: [Nucleotide Phosphorylation](#), [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.