

Datasheet for ABIN7143349

anti-Adenylate Kinase 5 antibody (AA 61-215) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Adenylate Kinase 5 (AK5)
Binding Specificity:	AA 61-215
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Adenylate Kinase 5 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Adenylate kinase isoenzyme 5 protein (61-215AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Adenylate Kinase 5 (AK5)
Alternative Name:	AK5 (AK5 Products)
Background:	Background: Nucleoside monophosphate (NMP) kinase that catalyzes the reversible transfer of the terminal phosphate group between nucleoside triphosphates and monophosphates. Active

Target Details

on AMP and dAMP with ATP as a donor. When GTP is used as phosphate donor, the enzyme phosphorylates AMP, CMP, and to a small extent dCMP. Also displays broad nucleoside diphosphate kinase activity.

Aliases: Adenylate kinase 5 antibody, Adenylate kinase 6 antibody, Adenylate kinase isoenzyme 5 antibody, AK 5 antibody, AK5 antibody, AK6 antibody, ATP AMP transphosphorylase 5 antibody, ATP-AMP transphosphorylase 5 antibody, KAD5 antibody, KAD5_HUMAN antibody, MGC33326 antibody

UniProt: [Q9Y6K8](#)

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.