

Anti-AK1 / Adenylate kinase 1 antibody



Catalog Number: 101652

Product name

Anti-AK1 / Adenylate kinase 1 antibody

Immunogen

[Human AK1 / Adenylate kinase 1 \(His Tag\) recombinant protein](#)

Specificity

Human AK1 / Adenylate kinase 1

Antibody description

Rabbit polyclonal to AK1 / Adenylate kinase 1

Preparation

Produced in rabbits immunized with purified, recombinant Human AK1 / Adenylate kinase 1 (rh AK1 / Adenylate kinase 1; AAH01116.1; Met1-Lys194). AK1 / Adenylate kinase 1 specific IgG was purified by Human AK1 / Adenylate kinase 1 affinity chromatography.

Formulation

0.2 µm filtered solution in PBS

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

ELISA, WB, IP

Dilutions

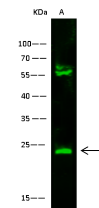
WB: 5-10 µg/ml

ELISA: 0.1-0.2 µg/ml

This antibody can be used at 0.1-0.2 µg/ml with the appropriate secondary reagents to detect Human AK1 / Adenylate kinase 1. The detection limit for Human AK1 / Adenylate kinase 1 is approximately 0.00975 ng/well.

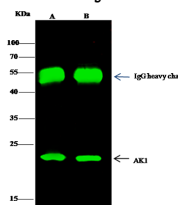
IP: 1-4 µg/mg of lysate

Validations



Lanes	A
Sample (Whole cell lysate)	HepG2
Sample Volume (µg/lane)	30
Gel	13%SDS-PAGE reducing gel
Recommended Concentration	5-10 µg/ml
Secondary Antibody	Dylight 800-labeled Antibody to Rabbit IgG (H+L), at 1:5000 dilution
Developed using Odyssey imaging system.	
Explanation	Predicted band size : 22 kDa Observed band size : 22 kDa

AK1 / Adenylate kinase 1 Antibody, Rabbit PAb, Antigen Affinity Purified, Western blot



Lanes	A	B
Sample (whole cell lysate)	HepG2	Hela
Sample quantity	0.5 mg	
IP antibody quantity	2 µg	
Protein G agarose	15 µl of 50% Protein G Agarose	
Gel	13%SDS-PAGE reducing gel	
Primary antibody	HIS-3C-AK1 antibody at 5 µg/ml	
Secondary antibody	Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution.	

AK1 / Adenylate kinase 1 Antibody, Rabbit PAb, Antigen Affinity Purified, Immunoprecipitation