

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

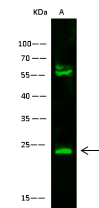
WB: 5-10 µg/ml

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.

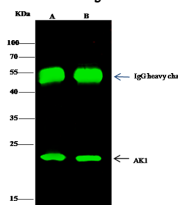
IP: 1-4 µg/mg of lysate

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