


## Product datasheet

# Anti-Nucleoside-diphosphate kinase antibody ab228609

3 Images

### Overview

<b>Product name</b>	Anti-Nucleoside-diphosphate kinase antibody
<b>Description</b>	Rabbit polyclonal to Nucleoside-diphosphate kinase
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human <b>Predicted to work with:</b> Rat, Chicken, Cow, Rhesus monkey 
<b>Immunogen</b>	Recombinant fragment within Human Nucleoside-diphosphate kinase (internal sequence). The exact sequence is proprietary. Database link: <a href="#">P30085</a>
<b>Positive control</b>	WB: Raji whole cell lysate; mouse brain tissue whole cell lysate. ICC/IF: HCT 116 cells.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab228609 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 22 kDa.
ICC/IF		1/100 - 1/1000.

## Target

### Function

Catalyzes specific phosphoryl transfer from ATP to UMP and CMP.

### Tissue specificity

Ubiquitously expressed.

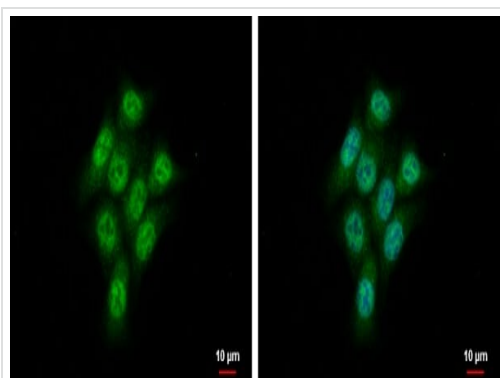
### Sequence similarities

Belongs to the adenylate kinase family.

### Cellular localization

Nucleus. Cytoplasm. Mainly nuclear.

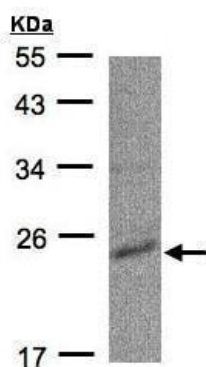
## Images



Immunocytochemistry/ Immunofluorescence - Anti-Nucleoside-diphosphate kinase antibody (ab228609)

HCT 116 (human colorectal carcinoma cell line) cells stained for Nucleoside-diphosphate kinase (green) using ab228609 at 1/500 dilution in ICC/IF. Cells were fixed in 4% paraformaldehyde at RT for 15 minutes.

Blue: Hoechst 33342 staining.



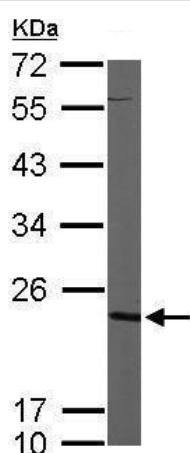
Western blot - Anti-Nucleoside-diphosphate kinase antibody (ab228609)

Anti-Nucleoside-diphosphate kinase antibody (ab228609) at 1/500 dilution + Raji (human Burkitt's lymphoma cell line) whole cell lysate at 30 µg

Developed using the ECL technique.

**Predicted band size:** 22 kDa

12% SDS-PAGE



Western blot - Anti-Nucleoside-diphosphate kinase antibody (ab228609)

Anti-Nucleoside-diphosphate kinase antibody (ab228609) at 1/1000 dilution + Mouse brain tissue whole cell lysate at 50 µg

Developed using the ECL technique.

**Predicted band size:** 22 kDa

12% SDS-PAGE

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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