


## Product datasheet

### Anti-AK3L1 antibody [EPR7679] ab156880

Recombinant **RabMAb**

★☆☆☆☆ **1 Abreviews** [3 Images](#)

#### Overview

<b>Product name</b>	Anti-AK3L1 antibody [EPR7679]
<b>Description</b>	Rabbit monoclonal [EPR7679] to AK3L1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, ICC/IF <b>Unsuitable for:</b> IHC-P or IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	Fetal liver extract, HepG2 cell lysate, Raji cell lysate, A431 cell lysate
<b>General notes</b>	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C.
<b>Storage buffer</b>	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
<b>Purity</b>	Tissue culture supernatant
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR7679

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab156880 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)	1/1000 - 1/10000. Predicted molecular weight: 25 kDa.
ICC/IF		1/50 - 1/100.

### Application notes

Is unsuitable for IHC-P or IP.

## Target

### Function

Catalyzes the reversible transfer of the terminal phosphate group between ATP and AMP. May also be active with GTP.

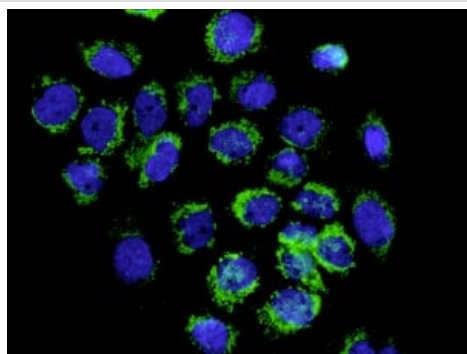
### Sequence similarities

Belongs to the adenylate kinase family.

### Cellular localization

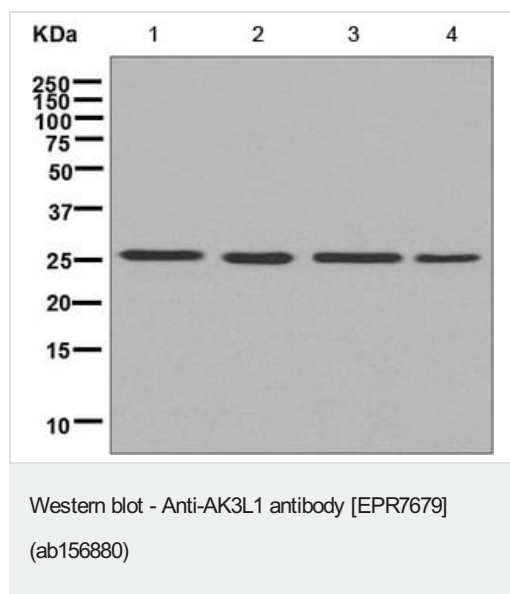
Mitochondrion matrix.

## Images



Immunofluorescence of AK3L1 in A431 cells using ab156880 antibody at a dilution of 1/50.

Immunocytochemistry/ Immunofluorescence - Anti-AK3L1 antibody [EPR7679] (ab156880)



**All lanes :** Anti-AK3L1 antibody [EPR7679] (ab156880) at 1/1000 dilution

**Lane 1 :** Human fetal liver extract

**Lane 2 :** HepG2 cell lysate

**Lane 3 :** Raji cell lysate

**Lane 4 :** A431 cell lysate

Lysates/proteins at 10 µg per lane.

Developed using the ECL technique.

**Predicted band size:** 25 kDa

Why choose a recombinant antibody?

**Research with confidence**  
Consistent and reproducible results

**Long-term and scalable supply**  
Recombinant technology

**Success from the first experiment**  
Confirmed specificity

**Ethical standards compliant**  
Animal-free production

Anti-AK3L1 antibody [EPR7679] (ab156880)

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

### Our Promise 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.

#### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors