




## Product datasheet

# Anti-ATP6J/ATP6V1G1 antibody ab220044

1 References 2 Images

### Overview

<b>Product name</b>	Anti-ATP6J/ATP6V1G1 antibody
<b>Description</b>	Rabbit polyclonal to ATP6J/ATP6V1G1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Cow 
<b>Immunogen</b>	Recombinant fragment corresponding to Human ATP6J/ATP6V1G1 aa 42-115. Sequence: AEIEQYRLQREKEFKAKEAAALGSRGSCSTEVEKETQEK MTILQTYFRQN RDEVLDNLLAFVCDIRPEIHENYR  Database link: <a href="#">O75348</a>   <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	RT-4 and U-251 MG cell lysates; Human liver lysate; PC-3 cells.
<b>General notes</b>	This product was previously labelled as ATP6J

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. 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, as well as customer reviews and Q&As.

## Properties

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<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: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab220044** 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
ICC/IF		Use a concentration of 0.25 - 2 µg/ml.
WB		Use a concentration of 0.04 - 0.4 µg/ml. Predicted molecular weight: 14 kDa.

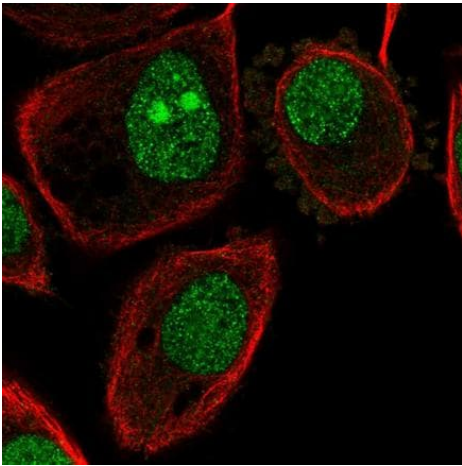
## Target

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<b>Function</b>	Catalytic subunit of the peripheral V1 complex of vacuolar ATPase (V-ATPase). V-ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells.
<b>Tissue specificity</b>	Ubiquitous.
<b>Sequence similarities</b>	Belongs to the V-ATPase G subunit family.

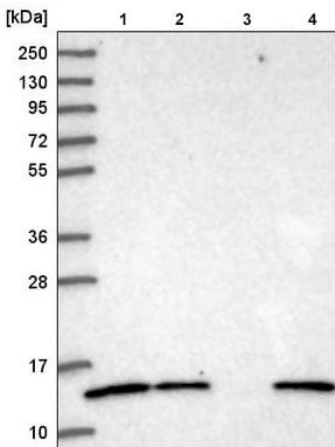
## Images

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Immunocytochemistry/ Immunofluorescence - Anti-ATP6J/ATP6V1G1 antibody (ab220044)

Immunofluorescent analysis of PFA-fixed, Triton X-100 permeabilized PC-3 cells labeling ATP6J/ATP6V1G1 with ab220044 at 4 µg/ml (green).



Western blot - Anti-ATP6J/ATP6V1G1 antibody (ab220044)

**All lanes** : Anti-ATP6J/ATP6V1G1 antibody (ab220044) at 1/100 dilution

**Lane 1** : RT-4 cell lysate

**Lane 2** : U-251 MG cell lysate

**Lane 3** : Human plasma

**Lane 4** : Human liver lysate

**Predicted band size:** 14 kDa

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

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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