

## Product datasheet

# Anti-GNL1 antibody ab236622

3 Images

### Overview

<b>Product name</b>	Anti-GNL1 antibody
<b>Description</b>	Rabbit polyclonal to GNL1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Chimpanzee, Cynomolgus monkey, Rhesus monkey, Orngutan

**Immunogen** Recombinant fragment corresponding to Human GNL1 aa 251-500.

Sequence:

```
VVLFTSFPRDPRTQPDPSSVLKKSRRRGRGWTRALGPE
QLLRACEAITVG
KVDLSSWREKIARDVAGATWGNGSGEEEEEDGPAVLV
EQQTDSAMEPTG
PTQERYKDGVTIGCVGFPNVGKSSLINGLVGRKVVSVSR
TPGHTRYFQT
YFLTPSVKLCDCPGLIFPSLLPRQLQVLAGIPIAQIQEPYTA
VGYLASR
IPVQALLHLRHPEAEDPSAEHPWCAWDICEAWAEKRGYK
TAKAARNDVYR
```

Database link: [P36915](#)

[Run BLAST with](#)

[Run BLAST with](#)

**Positive control** WB: A431 and Jurkat whole cell lysate. ICC/IF: HeLa cells.

**General notes**

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: 7.40 Constituents: 50% Glycerol (glycerin, glycerine), PBS, 0.03% Proclin 300
<b>Purity</b>	Protein G purified
<b>Purification notes</b>	Purity >95%.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab236622** 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 - 1/5000.
ICC/IF		1/50 - 1/200.

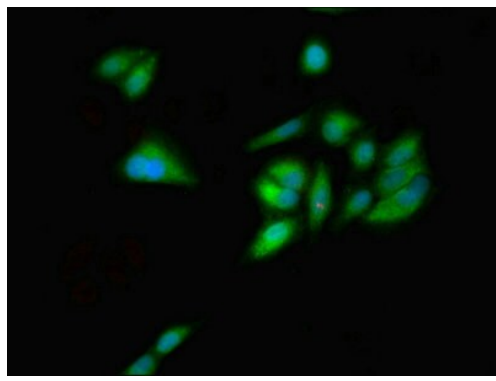
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## Target

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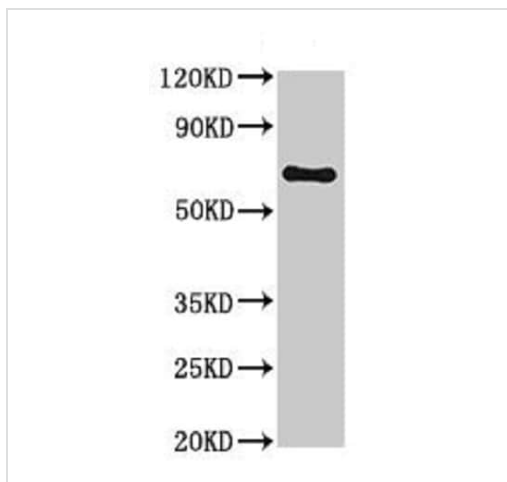
<b>Function</b>	Possible regulatory or functional link with the histocompatibility cluster.
<b>Sequence similarities</b>	Belongs to the MMR1/HSR1 GTP-binding protein family. Contains 1 G (guanine nucleotide-binding) domain.
<b>Domain</b>	In contrast to other GTP-binding proteins, this family is characterized by a circular permutation of the GTPase motifs described by a G4-G1-G3 pattern.
<b>Post-translational modifications</b>	Phosphorylated upon DNA damage, probably by ATM or ATR.

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Immunocytochemistry/ Immunofluorescence - Anti-GNL1 antibody (ab236622)

HeLa (Human epithelial cell line from cervix adenocarcinoma) cells stained for GNL1 (Green) using ab236622 at a 1/100 dilution in ICC/IF. Secondary used is an Alexa-Fluor® 488-conjugated Goat Anti-Rabbit IgG (H+L).

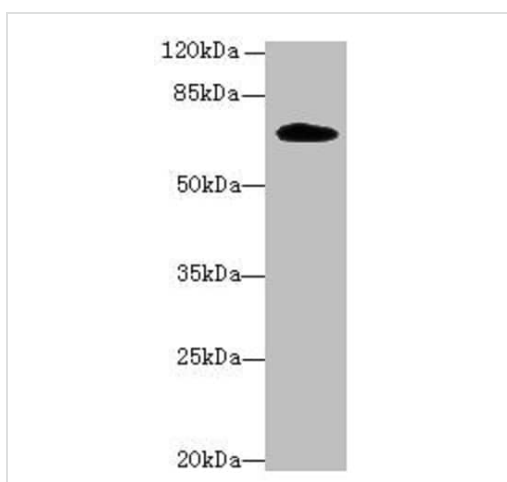


Western blot - Anti-GNL1 antibody (ab236622)

Anti-GNL1 antibody (ab236622) at 1/500 dilution + Jurkat (Human T cell leukemia cell line from peripheral blood) whole cell lysate

**Secondary**

Goat polyclonal to rabbit IgG at 1/50000 dilution



Western blot - Anti-GNL1 antibody (ab236622)

Anti-GNL1 antibody (ab236622) at 1/500 dilution + A431 (Human epidermoid carcinoma cell line) whole cell lysate

**Secondary**

Goat polyclonal to rabbit IgG at 1/50000 dilution

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

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- 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**

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