

## Product datasheet

# Anti-GTPBP4/NOG1 antibody ab153977

3 Images

### Overview

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<b>Product name</b>	Anti-GTPBP4/NOG1 antibody
<b>Description</b>	Rabbit polyclonal to GTPBP4/NOG1
<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>Immunogen</b>	Recombinant fragment corresponding to Human GTPBP4/NOG1 aa 339-613. Database link: <a href="#">Q9BZE4</a>
<b>Positive control</b>	293T, A431, HeLa, HepG2, NIH 3T3, JC and BCL1 whole cell lysates; A431 cells.
<b>General notes</b>	This product was previously labelled as GTPBP4

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. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 78.99% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine)
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

Our [Abpromise guarantee](#) covers the use of **ab153977** in the following tested applications.

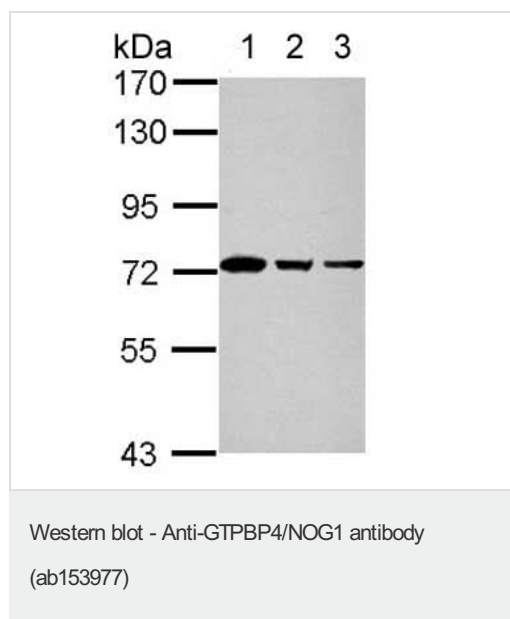
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/5000 - 1/20000. Predicted molecular weight: 74 kDa.
ICC/IF		1/100 - 1/1000.

## Target

<b>Function</b>	Involved in the biogenesis of the 60S ribosomal subunit.
<b>Sequence similarities</b>	Belongs to the GTP1/OBG family. NOG subfamily.
<b>Cellular localization</b>	Nucleus > nucleolus.

## Images



**All lanes** : Anti-GTPBP4/NOG1 antibody (ab153977) at 1/5000 dilution

**Lane 1** : NIH 3T3 whole cell lysate

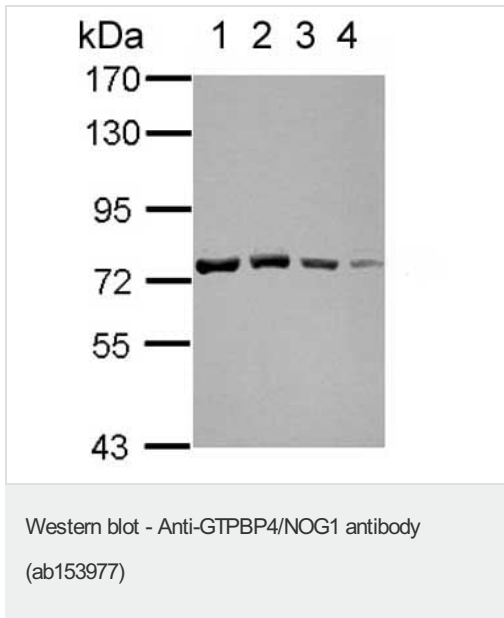
**Lane 2** : JC whole cell lysate

**Lane 3** : BCL1 whole cell lysate

Lysates/proteins at 10 µg per lane.

**Predicted band size:** 74 kDa

7.5% SDS PAGE



**All lanes** : Anti-GTPBP4/NOG1 antibody (ab153977) at 1/10000 dilution

**Lane 1** : 293T whole cell lysate

**Lane 2** : A431 whole cell lysate

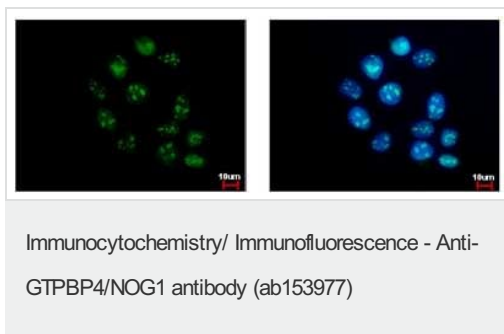
**Lane 3** : HeLa whole cell lysate

**Lane 4** : HepG2 whole cell lysate

Lysates/proteins at 30 µg per lane.

**Predicted band size:** 74 kDa

7.5% SDS PAGE



Immunofluorescent analysis of A431 cells (fixed in iced-cold MeOH for 5 min) labeling GTPBP4/NOG1 with ab153977 at 1/500 dilution (green). Right image shows cells co-stained with Hoechst 33342 (blue).

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

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- Response to your inquiry within 24 hours
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