




## Product datasheet

### Anti-NUP88 antibody ab231187

3 Images

#### Overview

<b>Product name</b>	Anti-NUP88 antibody
<b>Description</b>	Rabbit polyclonal to NUP88
<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 
<b>Immunogen</b>	Recombinant fragment (His-T7-tag) corresponding to Mouse NUP88 aa 50-300. Expressed in E.Coli. N-terminal tags. Database link: <a href="#">Q5QNU0</a>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	WB: Recombinant mouse NUP88 protein; mouse liver lysate; HeLa and HepG2 cell lysates. ICC/IF: HeLa 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: 7.40 Preservative: 0.011% Proclin 300 Constituents: 55.77% Glycerol (glycerin, glycerine), 44.219% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	Antigen-specific affinity chromatography followed by Protein A affinity chromatography.
<b>Clonality</b>	Polyclonal

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab231187 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		Use a concentration of 0.5 - 2 µg/ml. Predicted molecular weight: 84 kDa.
ICC/IF		Use a concentration of 5 - 20 µg/ml.

## Target

### Function

Essential component of nuclear pore complex.

### Tissue specificity

Ubiquitous.

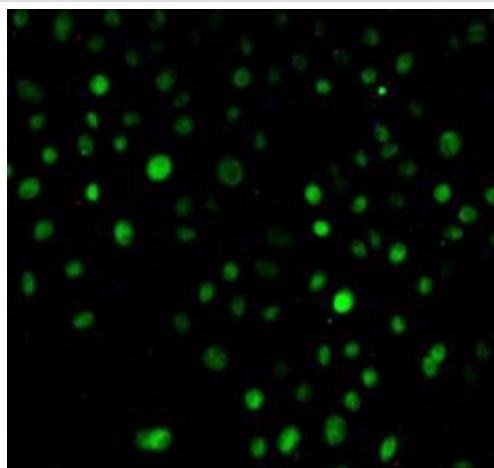
### Post-translational modifications

Phosphorylated upon DNA damage, probably by ATM or ATR.

### Cellular localization

Nucleus > nuclear pore complex.

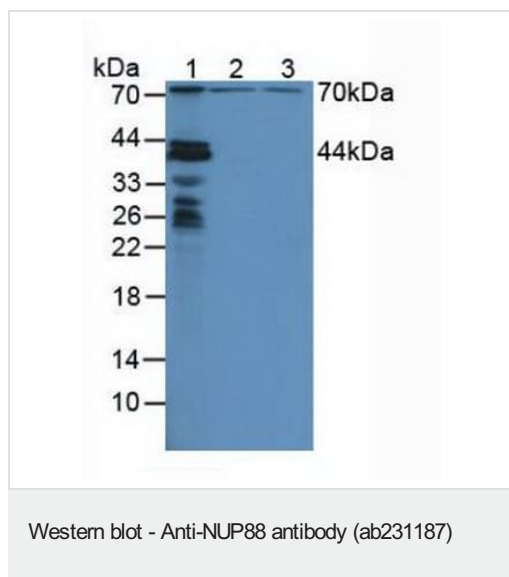
## Images



HeLa (human epithelial cell line from cervix adenocarcinoma) cells stained for NUP88 (green) using ab231187 at 20 µg/ml in ICC/IF.

FITC labeled secondary antibody.

Immunocytochemistry/ Immunofluorescence - Anti-NUP88 antibody (ab231187)



**All lanes :** Anti-NUP88 antibody (ab231187) at 2 µg/ml

**Lane 1 :** Mouse liver lysate

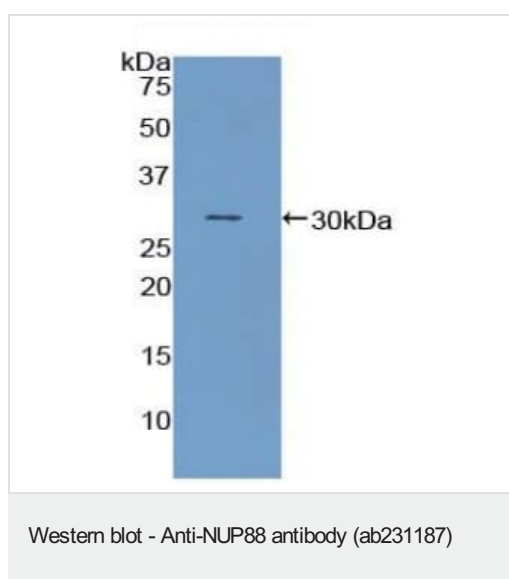
**Lane 2 :** HeLa (human epithelial cell line from cervix adenocarcinoma) cell lysate

**Lane 3 :** HepG2 (human liver hepatocellular carcinoma cell line) cell lysate

**Secondary**

**All lanes :** HRP-Linked Guinea pig anti-Rabbit at 1/2000 dilution

**Predicted band size:** 84 kDa



Anti-NUP88 antibody (ab231187) at 2 µg/ml + Recombinant mouse NUP88 protein

**Predicted band size:** 84 kDa

**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.

#### **Terms and conditions**

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