

## Product datasheet

# Anti-hnRNP U/p120 antibody [EPR12279] $\alpha$ b172608

Recombinant RabMAb

5 Images

### Overview

<b>Product name</b>	Anti-hnRNP U/p120 antibody [EPR12279]
<b>Description</b>	Rabbit monoclonal [EPR12279] to hnRNP U/p120
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P, ICC/IF <b>Unsuitable for:</b> Flow Cyt or IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	K562, Jurkat and 293T cell lysates; Human breast carcinoma and thyroid gland carcinoma tissues; HeLa cells.
<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 +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: 0.01% 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>	EPR12279

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab172608 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		1/1000 - 1/5000. Predicted molecular weight: 91 kDa.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/250 - 1/500.

### Application notes

Is unsuitable for Flow Cyt or IP.

## Target

### Function

Component of the CRD-mediated complex that promotes MYC mRNA stabilization. Binds to pre-mRNA. Has high affinity for scaffold-attached region (SAR) DNA. Binds to double- and single-stranded DNA and RNA.

### Sequence similarities

Contains 1 B30.2/SPRY domain.  
Contains 1 SAP domain.

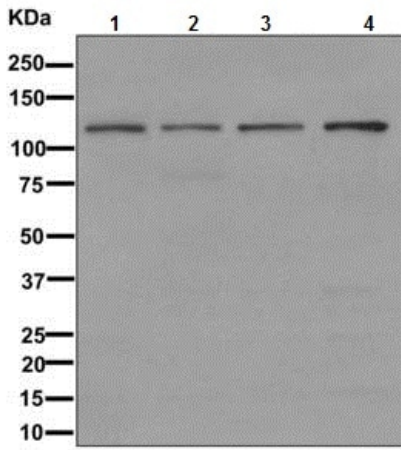
### Post-translational modifications

Extensively phosphorylated.  
Arg-733 and Arg-739 are dimethylated, probably to asymmetric dimethylarginine.

### Cellular localization

Nucleus. Cytoplasm. Cell surface. Localized in cytoplasmic mRNP granules containing untranslated mRNAs. Component of ribonucleosomes. Also found associated with the cell surface.

## Images



Western blot - Anti-hnRNP U/p120 antibody [EPR12279] (ab172608)

**All lanes :** Anti-hnRNP U/p120 antibody [EPR12279] (ab172608) at 1/1000 dilution

**Lane 1 :** K562 cell lysate

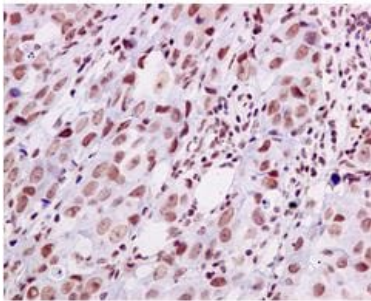
**Lane 2 :** Jurkat cell lysate

**Lane 3 :** 293T cell lysate

**Lane 4 :** HeLa cell lysate

Lysates/proteins at 10 µg per lane.

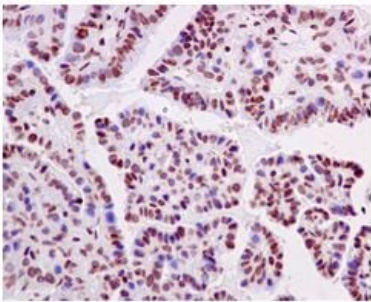
**Predicted band size:** 91 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-hnRNP U/p120 antibody [EPR12279] (ab172608)

Immunohistochemical analysis of paraffin embedded Human breast carcinoma tissue labeling hnRNP U/p120 with ab172608 at 1/50 dilution.

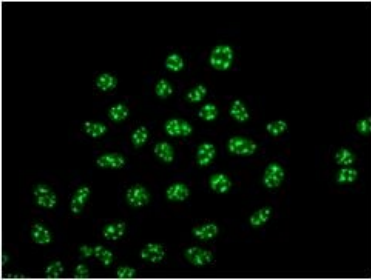
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-hnRNP U/p120 antibody [EPR12279] (ab172608)

Immunohistochemical analysis of paraffin embedded Human thyroid gland carcinoma tissue labeling hnRNP U/p120 with ab172608 at 1/50 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunofluorescent staining of HeLa cells labeling hnRNP U/p120 with ab172608 at 1/250 dilution.

Immunocytochemistry/ Immunofluorescence - Anti-hnRNP U/p120 antibody [EPR12279] (ab172608)

### Why choose a recombinant antibody?



Anti-hnRNP U/p120 antibody [EPR12279] (ab172608)

**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

---

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