

## Product datasheet

# Anti-hnRNP U/p120 antibody ab122906

[1 References](#) [2 Images](#)

### Overview

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<b>Product name</b>	Anti-hnRNP U/p120 antibody
<b>Description</b>	Rabbit polyclonal to hnRNP U/p120
<b>Host species</b>	Rabbit
<b>Specificity</b>	ab122906 can recognize exogenous Myc tagged hnRNP U/p120 (vector expressed hnRNP U/p120) and endogenous hnRNP U/p120 (native).
<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. This information is proprietary to Abcam and/or its suppliers.
<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

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C.
<b>Storage buffer</b>	pH: 6 Preservative: 0.05% Sodium azide Constituent: 99% Whole serum
<b>Purity</b>	Whole antiserum
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

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**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab122906 in the following tested applications.

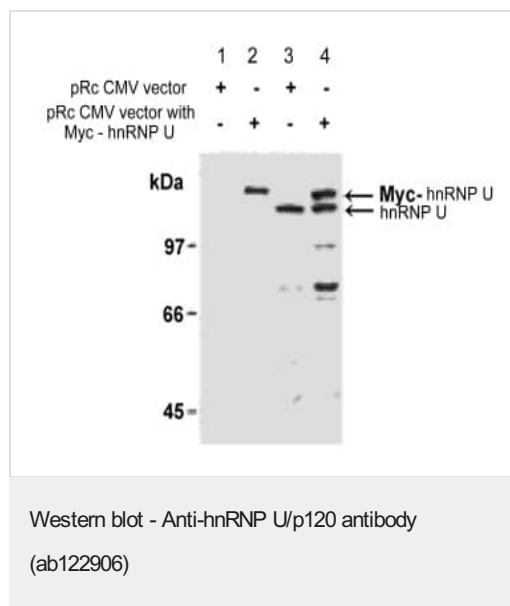
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/3000. Predicted molecular weight: 91 kDa.
ICC/IF		1/500 - 1/1000.

## Target

<b>Function</b>	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.
<b>Sequence similarities</b>	Contains 1 B30.2/SPRY domain. Contains 1 SAP domain.
<b>Post-translational modifications</b>	Extensively phosphorylated. Arg-733 and Arg-739 are dimethylated, probably to asymmetric dimethylarginine.
<b>Cellular localization</b>	Nucleus. Cytoplasm. Cell surface. Localized in cytoplasmic mRNP granules containing untranslated mRNAs. Component of ribonucleosomes. Also found associated with the cell surface.

## Images



**Lanes 1-2 :** anti Myc antibody

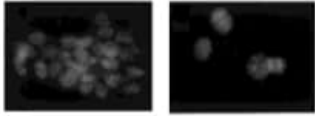
**Lanes 3-4 :** Anti-hnRNP U/p120 antibody (ab122906) at 1/1000 dilution

**Lanes 1 & 3 :** lysates from SAOS2 cells transfected with pRc/CMV vector

**Lanes 2 & 4 :** lysates from SAOS2 cells transfected with pRc/CMV vector expressing Myc tagged hnRNP U

**Predicted band size:** 91 kDa

Myc - hnRNP U/p120: Exogenous Myc tagged hnRNP U/p120  
hnRNP U/p120: endogenous hnRNP U/p120.



Immunocytochemistry/ Immunofluorescence - Anti-hnRNP U/p120 antibody (ab122906)

Immunofluorescent analysis of hnRNP U/p120 expression using ab122906 in Mouse P19 neurons (left) and in cells with in situ extracted nuclear matrix (right). Note that hnRNP U is concentrated in intranuclear speckles throughout the nucleoplasm.

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

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