

# Anti-Avian Influenza Nucleoprotein antibody ab25921

## 1 图像

### 概述

产品名称	Anti-Avian Influenza Nucleoprotein抗体
描述	兔多克隆抗体to Avian Influenza Nucleoprotein
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Influenza A
免疫原	Synthetic peptide corresponding to Avian Influenza Nucleoprotein aa 58-77. Sequence: KLSDYEGRLIQNSITIERMV <div>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a> </div>
阳性对照	Recombinant fusion protein of avian flu nucleoprotein.
常规说明	<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>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	pH: 7.4 Preservative: 0.05% Sodium azide Constituents: 0.05% BSA, PBS
纯度	Protein G purified
克隆	多克隆
同种型	IgG

## 应用

### The Abpromise guarantee

**Abpromise™** 承诺保证使用 ab25921 于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab 评论	说明
WB		

### 应用说明

WB: Use at a concentration of 0.5-2.0 µg/ml.

Please note from the image legend that a recombinant fusion protein was used to generate the western blot image.

The molecular weight shown is the molecular weight of the fusion protein (e.g nucleoprotein amino acids 58-77 + fusion protein) not the Avian Influenza Nucleoprotein.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## 靶标

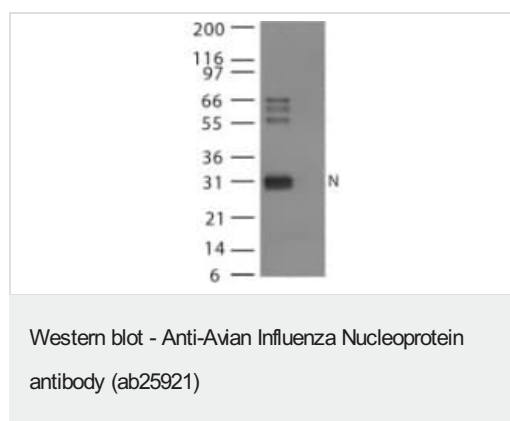
### 相关性

Encapsidates the negative strand viral RNA, protecting it from nucleases. The encapsidated genomic RNA is termed the ribonucleoprotein (RNP) and serves as template for transcription and replication. The RNP needs to be localized in the nucleus to start an infectious cycle, but is too large to diffuse through the nuclear pore complex. NP comprises at least 2 nuclear localization signals and is responsible of the active RNP import into the nucleus through the cellular importin alpha/beta pathway. Later in the infection, nucleus export of RNP are mediated through viral proteins NEP interacting with M1 which binds nucleoproteins. It is possible that the nucleoprotein binds directly exportin-1 (XPO1) and plays an active role in RNP nuclear export. M1 interaction with RNP seems to hide nucleoprotein's nuclear localization signals. Soon after a virion infects a new cell, M1 dissociates from the RNP under acidification of the virion driven by M2 protein. Dissociation of M1 from RNP unmask nucleoprotein's nuclear localization signals, targeting the RNP to the nucleus

### 细胞定位

Nuclear

## 图片



**All lanes :** Anti-Avian Influenza Nucleoprotein antibody (ab25921) at 0.5 µg/ml

**Lane 1 :** Recombinant fusion protein containing amino acids 58-77 of Avian flu nucleoprotein at 0.1 µg

**Lane 2 :** Fusion partner without these amino acids

**Observed band size:** 31 kDa

**Additional bands at:** 56 kDa, 59 kDa, 66 kDa. We are unsure as to the identity of these extra bands.

**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**

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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.cn/abpromise> or contact our technical team.

### **Terms and conditions**

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