

Product datasheet

# Anti-Avian Influenza A Hemagglutinin antibody ab62490

1 Image

Overview

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<b>Product name</b>	Anti-Avian Influenza A Hemagglutinin antibody
<b>Description</b>	Goat polyclonal to Avian Influenza A Hemagglutinin
<b>Host species</b>	Goat
<b>Specificity</b>	This antibody reacts with the Hemagglutinin 4 protein from the H5N1 strain of avian influenza A.
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Other species
<b>Immunogen</b>	A synthetic peptide corresponding to 10 amino acids near the center of the Hemagglutinin 4 protein (Avian Influenza A).
<b>Positive control</b>	Recombinant Hemagglutinin 4.
<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 +4°C.
<b>Storage buffer</b>	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

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**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab62490 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		
ELISA		

### Application notes

ELISA: Use at a concentration of 1 µg/ml.

WB: Use at a concentration of 1 µg/ml. Detects a band of approximately 43 kDa (predicted molecular weight: 64 kDa).

Not yet tested in other applications.

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

## Target

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### Relevance

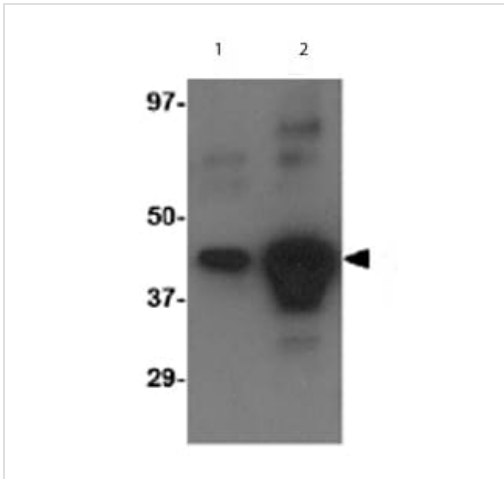
Influenza A virus is a major public health threat, killing more than 30,000 people per year in the USA. Novel influenza virus strains caused by genetic drift and viral recombination emerge periodically to which humans have little or no immunity, resulting in devastating pandemics. Influenza A can exist in a variety of animals; however it is in birds that all subtypes can be found. These subtypes are classified based on the combination of the virus coat glycoproteins hemagglutinin (HA) and neuraminidase (NA) subtypes. HA interacts with cell surface proteins containing oligosaccharides with terminal sialyl residues. Virus isolated from a human infected with the H5N1 strain in 1997 could bind to oligosaccharides from human as well as avian sources, indicating its species-jumping ability.

### Cellular localization

Cell Membrane

## Images

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Western blot - Anti-Avian Influenza A Hemagglutinin antibody (ab62490)

**All lanes :** Anti-Avian Influenza A Hemagglutinin antibody (ab62490) at 1  $\mu$ g/ml

**Lane 1 :** 5ng Recombinant Hemagglutinin

**Lane 2 :** 25ng Recombinant Hemagglutinin

**Predicted band size:** 64 kDa

**Observed band size:** 43 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

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- Replacement or refund for products not performing as stated on the datasheet
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- Extensive multi-media technical resources to help you
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