

Anti-Avian Influenza A Hemagglutinin antibody ab62587

3 图像

概述

产品名称	Anti-Avian甲型流感Hemagglutinin抗体
描述	山羊多克隆抗体to Avian甲型流感Hemagglutinin
宿主	Goat
特异性	ab62587 can be used for the detection of the Hemagglutinin protein from the H5N1 strain of avian influenza A in ELISA and WB. It will detect 10 ng of free peptide at 1 µg/mL.
经测试应用	适用于: ELISA, WB
种属反应性	与反应: H5N1 subtype
免疫原	Synthetic peptide corresponding to 12 amino acids near the amino terminus of the Avian influenza A Hemagglutinin 1 protein. Efforts were made to use relatively conserved regions of the viral sequence as the antigen.
阳性对照	WB: H5N1 Hemagglutinin recombinant protein. ELISA: H5N1 Hemagglutinin recombinant protein.
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&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab62587 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
ELISA		
WB		

应用说明

ELISA: Use at an assay dependent dilution. The antibody will detect 10 ng of free peptide at 1 µg/ml.

WB: Use at a concentration of 1 µg/ml. Detects a band of approximately 45 kDa (predicted molecular weight: 64 kDa).

Not yet tested in other applications.

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

靶标

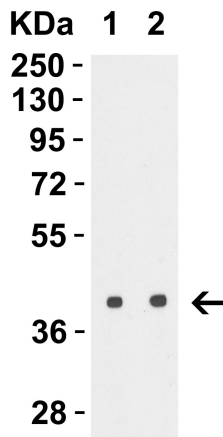
相关性

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.

细胞定位

Cell Membrane

图片



Western blot - Anti-Avian Influenza A Hemagglutinin antibody (ab62587)

Lane 1 : Anti-Avian Influenza A Hemagglutinin antibody (ab62587) at 0.5 $\mu\text{g/ml}$

Lane 2 : Anti-Avian Influenza A Hemagglutinin antibody (ab62587) at 1 $\mu\text{g/ml}$

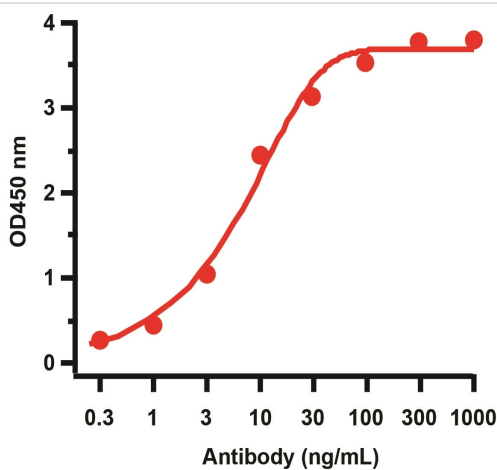
All lanes : 30 ng of H5N1 Hemagglutinin recombinant protein

Secondary

All lanes : Rabbit anti-goat IgG HRP conjugate at 1/10000 dilution

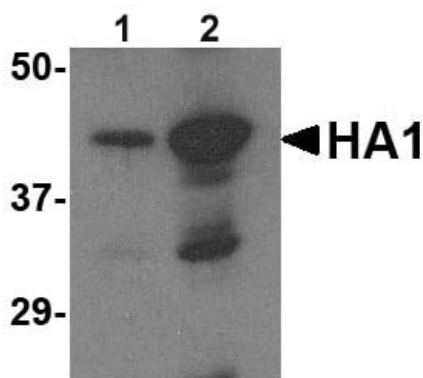
Predicted band size: 64 kDa

1h incubation at RT in 5% NFDm/TBST.



ELISA - Anti-Avian Influenza A Hemagglutinin antibody (ab62587)

Validation with H5N1 HA Protein Coating Antigen: H5N1 Hemagglutinin recombinant protein, 2 $\mu\text{g/mL}$, incubated at 4 $^{\circ}\text{C}$ overnight. Detection Antibodies: ab62587, dilution: 0.3-1000 ng/mL, incubated at RT for 1 hr. Secondary Antibodies: Rabbit anti-goat HRP at 1/10000, incubated at RT for 1 hr.



Western blot - Anti-Avian Influenza A Hemagglutinin antibody (ab62587)

All lanes : Anti-Avian Influenza A Hemagglutinin antibody (ab62587) at 1 $\mu\text{g/ml}$

Lane 1 : 5 ng of Recombinant HA1

Lane 2 : 25 ng of Recombinant HA1

Predicted band size: 64 kDa

Observed band size: 45 kDa

Additional bands at: 33 kDa, 35 kDa, 40 kDa. We are unsure as to the identity of these extra bands.

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