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Datasheet for ABIN6990675  
**anti-Influenza A Virus NS2 antibody (AA 40-90)**

### Overview

Quantity:	0.1 mg
Target:	Influenza A Virus NS2 (NS2)
Binding Specificity:	AA 40-90
Reactivity:	Avian Influenza Virus
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Influenza A Virus NS2 antibody is un-conjugated
Application:	ELISA

### Product Details

Immunogen:	Avian Influenza Nonstructural Protein 2 antibody was raised against a synthetic peptide corresponding to 14 amino acids near the middle of the Avian Influenza Nonstructural Protein 2 protein. Efforts were made to use relatively conserved regions of the viral sequence as the antigen. The immunogen is located within amino acids 40 - 90 of Avian Influenza Nonstructural Protein 2.
Isotype:	IgG
Purification:	Avian Influenza Nonstructural Protein 2 Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	Influenza A Virus NS2 (NS2)
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## Target Details

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Alternative Name: Avian Influenza Nonstructural Protein 2 ([NS2 Products](#))

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Target Type: Influenza Protein

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Background: Avian Influenza Nonstructural Protein 2 Antibody: 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, including the so-called "avian flu" or H5N1, can be found. These subtypes are classified based on the combination of the virus coat glycoproteins hemagglutinin (HA) and neuraminidase (NA) subtypes. One of the less studied proteins encoded by the influenza virus is the nonstructural protein (NS) 2. NS2 binds to the influenza matrix protein M1 that is bound to the ribonucleoprotein (RNP) complex and mediates the contact between the M1/RNP complex and the cellular exportin CRM, but does not interact with nucleosomes.

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UniProt: [Q2L6Z2](#)

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## Application Details

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Application Notes: Avian Influenza Nonstructural Protein 2 antibody can be used for the detection of the Avian Influenza Nonstructural Protein 2 protein from influenza A in ELISA.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 mg/mL

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Buffer: Avian Influenza Nonstructural Protein 2 Antibody is supplied in PBS containing 0.02 % sodium azide.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C, 4 °C

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Storage Comment: Avian Influenza Nonstructural Protein 2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated

freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.