

Datasheet for ABIN1107750

**anti-Influenza Hemagglutinin HA1 Chain antibody (Influenza A Virus H5N1) (AA 17-338)**[Go to Product page](#)**2** Images

## Overview

Quantity:	0.1 mL
Target:	Influenza Hemagglutinin HA1 Chain (HA1)
Binding Specificity:	AA 17-338
Reactivity:	Influenza A Virus H5N1
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	Recombinant human H5N1/HA1 (17-338aa) purified from Baculovirus
Clone:	AT2B7
Isotype:	IgG1
Purification:	Protein-G affinity chromatography

## Target Details

Target:	Influenza Hemagglutinin HA1 Chain (HA1)
Alternative Name:	Influenza A Virus H5N1 HA1 ( <a href="#">HA1 Products</a> )
Target Type:	Influenza Protein
Background:	H5N1 is a subtype of the species Influenza A virus of the Influenzavirus A genus of the

## Target Details

Orthomyxoviridae family. It consists of single-stranded eight-segment negative-sense genomic RNAs, helical viral ribonucleoprotein (RNP) complexes (RNA segments NP, PB2, PB1 and PA), three viral envelope proteins (hemagglutinin [HA], neuraminidase [NA], and M2 ion channel), and a matrix (M1) protein. Influenza A viruses are further classified into 16 HA (H1-H16) and 9 NA (N1-N9) serotypes based on the antigenic characteristics of HA and NA envelope glycoproteins. It is responsible for binding the virus to the cell that is being infected. HA protein has two functions. Firstly, it allows the recognition of target vertebrate cells, accomplished through the binding of these cells' sialic acid-containing receptors. Secondly, once bound it facilitates the entry of the viral genome into the target cells by causing the fusion of host endosomal membrane with the viral membrane. Synonyms: Avian Influenza A H5N1 H5 Hemagglutinin

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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Concentration:	1.0 mg/mL
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Buffer:	PBS, pH 7.4, containing 0.09 % 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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Handling Advice:	Avoid repeated freezing and thawing.
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Storage:	4 °C/-20 °C
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Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.
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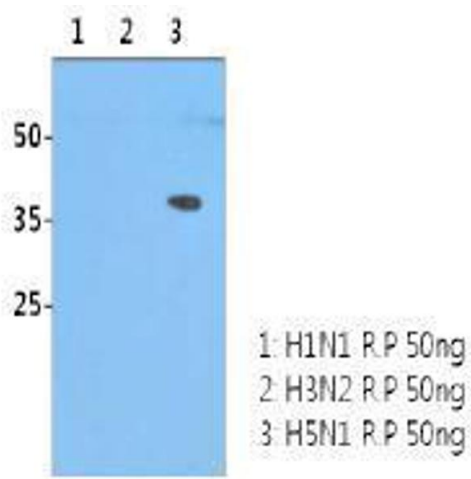


Image 1.

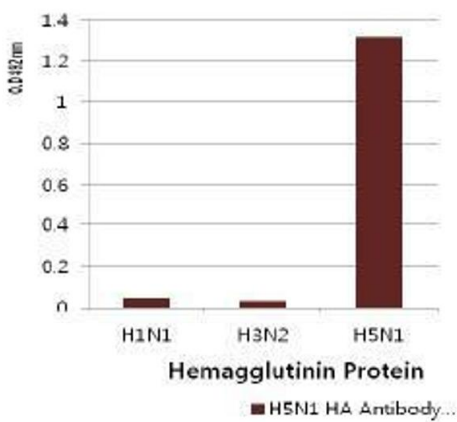


Image 2.