



# Rabbit Anti-IAV H3N2 (Influenza A/Wisconsin/67/X-161/05) HA Polyclonal Antibody (CABT-CS786)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	Reacts with H3 of influenza virus (A/Wisconsin/67/X-161/05) (H3N2) and related H3.
<b>Target</b>	H3N2 HA
<b>Immunogen</b>	DNA vaccine expressing H3(H3N2)(A/Wisconsin/67/X-161/2005) (GenBank Accession # ABO37609)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	IAV
<b>Purification</b>	Immunoaffinity chromatography
<b>Conjugate</b>	unconjugated
<b>Applications</b>	WB, ELISA
<b>Format</b>	Liquid
<b>Concentration</b>	2 mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	PBS
<b>Preservative</b>	None

**Storage**

Store at -20°C; Stable for 6-months from the date of shipment when kept at -4°C.  
Nonhazardous. No MSDS required.

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## BACKGROUND

**Introduction**

Influenza hemagglutinin (HA) is a homotrimeric glycoprotein found on the surface of influenza viruses and is integral to its infectivity. HA is a Class I Fusion Protein, having multifunctional activity as both an attachment factor and membrane fusion protein. Therefore, HA is responsible for binding Influenza virus to sialic acid on the surface of target cells, such as cells in the upper respiratory tract or erythrocytes, causing as a result the internalization of the virus. Secondly, HA is responsible for the fusion of the viral envelope with the late endosomal membrane once exposed to low pH (5.0-5.5).

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**Keywords**

H3N2 HA; IAV; IAV H3N2; IAV H3N2 HA; H3N2; Influenza A haemagglutinin H3; H3N2 haemagglutinin

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