



# Rabbit Anti-IAV H5N1 (A/Hong kong/213/2003) HA Polyclonal Antibody (CABT-CS719)

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

## PRODUCT INFORMATION

|                           |                                                                                                                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Specificity</b>        | H5N1 Hemagglutinin/HA                                                                                                                                                                                                                              |
| <b>Target</b>             | H5N1 HA                                                                                                                                                                                                                                            |
| <b>Immunogen</b>          | Recombinant Influenza H5N1 (A/Hong kong/213/2003) Hemagglutinin / HA Protein                                                                                                                                                                       |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                |
| <b>Source/Host</b>        | Rabbit                                                                                                                                                                                                                                             |
| <b>Species Reactivity</b> | IAV                                                                                                                                                                                                                                                |
| <b>Purification</b>       | Protein A & Antigen Affinity                                                                                                                                                                                                                       |
| <b>Conjugate</b>          | unconjugated                                                                                                                                                                                                                                       |
| <b>Applications</b>       | WB                                                                                                                                                                                                                                                 |
| <b>Format</b>             | Liquid                                                                                                                                                                                                                                             |
| <b>Size</b>               | 50 µl, 100 µl                                                                                                                                                                                                                                      |
| <b>Buffer</b>             | PBS                                                                                                                                                                                                                                                |
| <b>Preservative</b>       | None                                                                                                                                                                                                                                               |
| <b>Storage</b>            | This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles. |

## 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).

**Keywords**

H5N1 HA; IAV; IAV H5N1; IAV H5N1 HA; H5N1; Influenza A haemagglutinin H5; H5N1 haemagglutinin