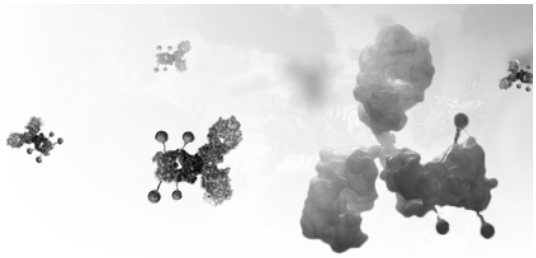

Rabbit Anti-IAV H5N1 (A/Hubei/1/2010) NA Polyclonal Antibody (CABT-CS720)

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

PRODUCT INFORMATION

Specificity	H5N1 Neuraminidase/NA
Target	H5N1 NA
Immunogen	Recombinant Influenza A H5N1 (A/Hubei/1/2010) Neuraminidase / NA Protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	IAV
Purification	Protein A & Antigen Affinity
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Size	50 µl, 100 µl
Buffer	PBS
Preservative	None
Storage	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

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Introduction	Neuraminidases are enzymes that cleave sialic acid groups from glycoproteins. Influenza neuraminidase is a type of neuraminidase found on the surface of influenza viruses that enables the virus to be released from the host cell. Influenza neuraminidase is composed of four identical subunits arranged in a square. It is normally attached to the virus surface through a long protein stalk. The active sites are in a deep depression on the upper surface. They bind to polysaccharide chains and clip off the sugars at the end. The surface of neuraminidase is decorated with several polysaccharide chains that are similar to the polysaccharide chains that decorate our cell surface proteins. Neuraminidase (NA) and hemagglutinin (HA) are major membrane glycoproteins found on the surface of the influenza virus.
Keywords	Influenzavirus A; Influenza A virus; Influenza A virus H5N1; H5N1; IAV H5N1; IAV H5N1 Neuraminidase; IAV H5N1 NA; H5N1 NA; H5N1 Neuraminidase

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