



Rabbit Anti-IAV H7N9 (A/Shanghai/2/2013) HA Polyclonal Antibody (CABT-CS788)

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

PRODUCT INFORMATION

Specificity	Reacts with HA1 (H7N9)(A/Shanghai/2/2013). Cross-reactivity to other subtypes not tested.
Target	H7N9 HA
Immunogen	DNA vaccine expressing HA1(H7N9)(A/Shanghai/2/2013) (aa 19-339) (GenBank Accession # EPI439502)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	IAV
Purification	Immunoaffinity chromatography
Conjugate	unconjugated
Applications	ELISA, IP
Format	Liquid
Concentration	2 mg/mL
Size	100 µg
Buffer	PBS
Preservative	None
Storage	Store at -20°C; Stable for 6-months from the date of shipment when kept at -4°C. Nonhazardous. No MSDS required.

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 H7N9 HA; IAV; IAV H7N9; IAV H7N9 HA; H7N9; Influenza A haemagglutinin H7; H7N9 haemagglutinin