



Rabbit Anti-IAV H1N1 (A/California/07/2009) HA1 Polyclonal Antibody (CABT-CS791)

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

PRODUCT INFORMATION

Specificity	Reacts with HA (A/California/07/2009) H1N1. No cross-reactivity detected for selected HA proteins of H3N2, H5N1, Influenza B and H1N1 of 2007 strains.
Target	H1N1 HA
Immunogen	KLH conjugated synthetic peptides derived from hemagglutinin (amino acid 200-260) (A/California/07/2009)(H1N1) (Genebank No. ACP41953).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	IAV
Purification	Immunoaffinity chromatography
Conjugate	unconjugated
Applications	WB, ELISA
Format	Liquid
Concentration	2 mg/mL
Size	100 µg
Buffer	PBS
Preservative	None
Storage	Store at -20°C; Do not freeze and thaw. Stable for 6-months from the date of shipment when

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

H1N1 HA; IAV; IAV H1N1; IAV H1N1 HA; H1N1; Influenza A haemagglutinin H1; H1N1 haemagglutinin
