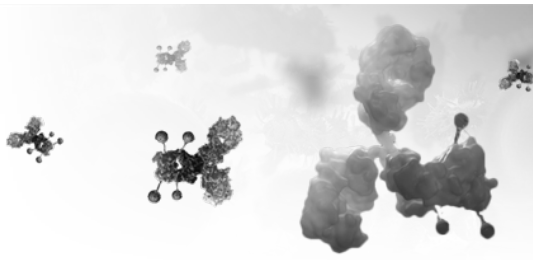

Rabbit Anti-IAV H1N1 (A/New Caledonia/20/1999) NA Polyclonal Antibody (CABT-CS806)

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

PRODUCT INFORMATION

Specificity	Reacts with NA (H1N1) protein. Cross-reactivity to other subtypes not tested.
Target	H1N1 NA
Immunogen	in vivo expressed nuraminidase (NA) (A/New Caledonia/20/1999)(H1N1) protein (Genebank accession # ABQ10080)
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 with less than 0.1% gelatin and 0.1% sodium azide
Preservative	0.1% sodium azide

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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	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 H1N1; H1N1; IAV H1N1; IAV H1N1 Neuraminidase; IAV H1N1 NA; H1N1 NA; H1N1 Neuraminidase

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