Datasheet for ABIN6990502

anti-Influenza B Virus Neuraminidase antibody (Avian Influenza Virus) (C-Term)

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Overview

Quantity:	0.1 mg
Target:	Influenza B Virus Neuraminidase (NA)
Binding Specificity:	C-Term
Reactivity:	Avian Influenza Virus
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	ELISA

Product Details

Immunogen:	Avian influenza neuraminidase antibody was raised against a synthetic peptide corresponding to 15 amino acids near the carboxy terminus of the avian influenza neuraminidase protein. Efforts were made to use relatively conserved regions as the antigen. The immunogen is located within the last 50 amino acids of Avian Influenza Neuraminidase.
Isotype:	IgG
Purification:	Avian Influenza Neuraminidase Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	Influenza B Virus Neuraminidase (NA)
Alternative Name:	Avian Influenza Neuraminidase (NA Products)

Target Details

Target Type:	Influenza Protein
Background:	Avian Influenza Neuraminidase Antibody: Influenza A virus is a major public health threat, killing more than 30,000 people per year in the USA. Novel influenza virus strains emerge periodically to which humans have little or no immunity, resulting in devastating pandemics. Influenza A can exist in a variety of animals, however it is in birds that all subtypes can be found. These subtypes are classified based on the combination of the virus coat glycoproteins hemagglutinin (HA) and neuraminidase (NA) subtypes. During 1997, an H5N1 avian influenza virus was determined to be the cause of death in 6 of 18 infected patients in Hong Kong. There was some evidence of human to human spread of this virus, but it is thought that the transmission efficiency was fairly low. Although it has been known that cleavage site and glycosylation patterns of the HA protein play important roles in determining the pathogenicity of H5 avian influenza viruses, it has only recently been shown that an additional glycosylation site within the globular head of the NA protein also contributes to the high virulence of the H5N1 virus.
UniProt:	Q710U6

Application Details

Application Notes:	Avian influenza neuraminidase antibody can be used for the detection of the avian influenza neuraminidase protein from the H5N1 strain of Avian influenza A in ELISA. It will detect 10 ng of free peptide at 1 µ,g/mL.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Avian Influenza Neuraminidase Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,4 °C
Storage Comment:	Avian Influenza Neuraminidase antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.