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Datasheet for ABIN2017594

anti-Influenza Polymerase Basic 2 antibody (C-Term)

Overview

Quantity:	100 µg
Target:	Influenza Polymerase Basic 2 (PB2)
Binding Specificity:	C-Term
Reactivity:	Influenza A Virus H1N1
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH-coupled synthetic peptide from C-terminal of Influenza A (H1N1) 2009 virus PB2 protein CY040006
Isotype:	IgG
Specificity:	Rabbit Anti-H1N1 PB2 Polyclonal Antibody detects influenza A (H1N1) PB2 protein.
Characteristics:	Rabbit Anti-H1N1 PB2 Polyclonal Antibody is developed in rabbit using a KLH-coupled synthetic peptide from C-terminal of Influenza A (H1N1) 2009 virus PB2 protein (GenBank: CY040006).
Purification:	Immunoaffinity chromatography

Target Details

Target:	Influenza Polymerase Basic 2 (PB2)
Alternative Name:	H1N1 PB2 (PB2 Products)

Target Details

Target Type:	Influenza Protein
Background:	<p>Influenza A (H1N1) virus is a subtype of influenza virus A and is the most common cause of influenza (flu) in humans. A strain of swine-origin H1N1 was responsible for the 2009 flu pandemic. H1N1PB2 protein is a well-documented component of the viral polymerase complex required for virus replication. The PB2 protein is involved in host range restriction and pathogenicity</p> <p>GeneBank: CY040006</p>

Application Details

Application Notes:	<p>Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.</p> <p>Western blot: 0.5-1 µg/mL</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute the lyophilized antibody with deionized water (or equivalent) to a final antibody concentration of 0.5 mg/mL.
Concentration:	0.5 mg/mL
Buffer:	lyophilized with PBS, pH 7.4, containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	<p>WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.</p>

Handling

Handling Advice: Avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: The antibody is stable in lyophilized form if stored at -20 °C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8 °C. For long term storage, aliquot and store at -20 °C or below.