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Datasheet for ABIN398487

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

1 Image

Overview

Quantity:	40 µg
Target:	Influenza Polymerase Basic 2 (PB2)
Binding Specificity:	N-Term
Reactivity:	Influenza A Virus H1N1
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Influenza Polymerase Basic 2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH-coupled synthetic peptide from N-terminal of Influenza A (H1N1) 2009 virus PB2 protein (GenBank: CY040006).
Isotype:	IgG1
Specificity:	H1N1 PB2 Antibody detects influenza A (H1N1) PB2 protein.
Purification:	Immunoaffinity chromatography.

Target Details

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

Target Details

Background: Influenza A (H1N1) virus, a subtype of influenza virus A, 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. **H1N1 PB2 Antibody** is developed in rabbit using a KLH-coupled synthetic peptide from N-terminal of Influenza A (H1N1) 2009 virus PB2 protein (GenBank: CY040006).

Application Details

Application Notes: 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.
Western blot: 0.5-1 µg/mL. Other Applications: user-optimized

Restrictions: For Research Use only

Handling

Format: Lyophilized

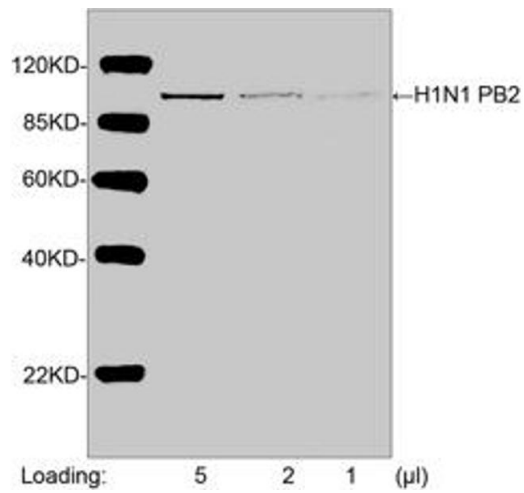
Buffer: PBS, pH 7.4, containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: 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.

Storage: 4 °C/-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. Avoid repeated freezing and thawing cycles.



Western Blotting

Image 1. Western blot analysis of H1N1 PB2 recombinant protein using H1N1 PB2 Antibody (ABIN398488, 1 µg/mL). The signal was developed with IRDye™ 800 Conjugated Goat Anti-Rabbit IgG. Predicted Size: 100 KD Observed Size: 100 KD