

PACO35006

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## Product Information

**Size:**

50ug

**Reactivity:**

Influenza A virus

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA

**Recommended dilutions:****Protein Background:**

Plays an essential role in viral RNA transcription and replication by forming the heterotrimeric polymerase complex together with PB1 and PB2 subunits. The complex transcribes viral mRNAs by using a unique mechanism called cap-snatching. It consists in the hijacking and cleavage of host capped pre-mRNAs. These short capped RNAs are then used as primers for viral mRNAs. The PB2 subunit is responsible for the binding of the 5' cap of cellular pre-mRNAs which are subsequently cleaved after 10-13 nucleotides by the PA subunit that carries the endonuclease activity. In addition of its function in viral transcription, PA also plays an essential role in viral RNA synthesis and promotes the formation of the trimeric polymerase complex.

**Gene ID:**

PA

**Uniprot**

A4U6V9

**Synonyms:**

Polymerase acid, c protein (EC 3.1. -. -) (RNA-directed RNA polymerase subunit P2), PA

**Immunogen:**

Recombinant Influenza A virus Polymerase acid, c protein (1-716AA).

**Storage:**

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

## Product Images

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N/A

N/A