



Rabbit Anti-Influenza A Polymerase basic protein 2 antibody

SL16649R

Product Name:	Influenza A Polymerase basic protein 2
Chinese Name:	A型流感聚合酶碱性蛋白2抗体
Alias:	RNA-directed RNA polymerase subunit P3; PB2 I97A1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Influenza A
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	86kDa
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from Influenza A Polymerase basic protein 2:681-759/759
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Involved in transcription initiation and cap-stealing mechanism, in which cellular capped pre-mRNA are used to generate primers for viral transcription. Binds the cap of the target pre-RNA which is subsequently cleaved by PB1. May play a role in genome replication. Belongs to the influenza viruses PB2 family.

Function:

Involved in transcription initiation and cap-stealing mechanism, in which cellular capped pre-mRNA are used to generate primers for viral transcription. Binds the cap of the target pre-RNA which is subsequently cleaved by PB1. May play a role in genome replication.

Subunit:

Influenza RNA polymerase is composed of three subunits: PB1, PB2 and PA.

Subcellular Location:

Virion. Host nucleus. Host mitochondrion.

Similarity:

Belongs to the influenza viruses PB2 family.

SWISS:

PO3428

Gene ID:

956536

Database links:

[Entrez Gene: 956536](#) Influenza A

[SwissProt: PO3428](#) Influenza A

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.