



Rabbit Anti-H3N1 hemagglutinin antibody

SL10320R

Product Name H3N1 hemagglutinin

Chinese Name 流感病毒 H3N1 血凝素抗体

Alias HA; Influenza A virus H3N1; hemagglutinin; H3N1; H3N1 hemagglutinin; Hemagglutinin HA1
Hemagglutinin HA2 chain; K9URT3_9INFA.

Immunogen Species Rabbit

Clonality Polyclonal

React Species (predicted:Influenza A virus H3N1)

Applications WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA
(Paraffin sections need antigen repair)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 63kDa

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from H3N1 hemagglutinin: 465-550/550

Lsotype IgG

Purification affinity purified by Protein A

Buffer Solution (predicted:Influenza A virus H3N1)1M TBS(pH7.4) with 1% BSA, (predicted:Influenza A virus
Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

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

PubMed [PubMed](#)

Product Detail

Hemagglutinin (HA) is a class I viral fusion protein from Influenza virus. It is a major glycoprotein over 80% of the envelope proteins present in the virus particle. HA binds to sialic acid-containing the cell surface, bringing about the attachment of the virus particle to the cell, and is responsible of the virus into the cell cytoplasm by mediating the fusion of the membrane of the endocytosed with the endosomal membrane. The extent of infection into host organism is determined by HA.

infection, inactive HA is matured into HA1 and HA2 outside the cell by one or more trypsin-like arginine-specific endoproteases secreted by the bronchial epithelial cells. The HA protein is a homodisulfide-linked HA1-HA2. It also plays a major role in the determination of host range restriction. Genetic variation of hemagglutinin and/or neuraminidase genes results in the emergence of new strains.

Subunit:

Homotrimer of disulfide-linked HA1-HA2.

Subcellular Location:

Cell membrane; apical cell membrane; single-pass type I membrane protein.

Similarity:

Belongs to the influenza viruses hemagglutinin family.

SWISS:

K9URT3

Gene ID:

N/A