

H1N1 NS2 antibody, pAb, Rabbit**Cat. No.:** A01499-40**Size:** 40 µg**Synonyms:** Rabbit Anti-H1N1 NS2 polyclonal antibody;
Nonstructural Protein 2 of Influenza A Virus antibody**Description:**

Influenza A (H1N1) virus is a subtype of influenza virus A and the most common cause of influenza (flu) in humans. A strain of swine-origin H1N1 was responsible for the 2009 flu pandemic. NS2 (Nonstructural Protein 2) binds to the influenza matrix protein M1 that is bound to the ribonucleoprotein (RNP) complex. And NS2 is involved in the contact between the M1/RNP complex and the cellular exportin CRM. GenScript Rabbit Anti-H1N1 NS2 Polyclonal Antibody is developed in rabbit using purified His-tagged full length Influenza A (H1N1) 2009 virus NS2 (GenBank: ACR08425.1) recombinant protein.

Immunogen: purified His-tagged full length Influenza A (H1N1) 2009 virus NS2 (GenBank: ACR08425.1)**Host:** Rabbit**Antigen Synonyms:** Influenza A**Conjugation:** Unconjugated**Predicated Band Size:**

15 KD

Observed Band Size:

15 KD

Formulation:

0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02%

sodium azide.

Ig Subclass: Rabbit IgG**Specificity:** GenScript Rabbit Anti-H1N1 NS2 Polyclonal Antibody detects influenza A (H1N1) NS2 protein.**Purification:** Immunoaffinity chromatography**Applications:**

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**Species Reactivity:** Influenza A virus (H1N1)**Reconstitution:**

Reconstitute the lyophilized powder with deionized water (or equivalent) to an antibody concentration of 0.5 mg/ml.

Storage:

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.