

DATASHEET

Version: 2016-08-17

H1N1 NS1 Antibody, pAb, Rabbit**Cat. No.:** A01551-40**Size:** 40 µg**Synonyms:** H1N1 NS1 of Influenza A Virus Antibody;**Description:**

Influenza A (H1N1) virus, a subtype of influenzavirus A, is the most common cause of influenza (flu) in humans. A strain of swine-origin H1N1 was responsible for the 2009 flu pandemic. H1N1 (Non-structural protein 1) is a RNA-binding protein that is required for virus replication. It has three different RNA-binding activities. NS1 is a symmetrical dimeric protein consisting of six helical folds.

GenScript H1N1 NS1 Antibody is developed in rabbit using KLH-coupled synthetic peptide from C-terminal of Influenza A (H1N1) 2009 virus NS1 (GenBank: ACR08424.1).

Immunogen: KLH-coupled synthetic peptide from C-terminal of Influenza A (H1N1) 2009 virus NS1 (GenBank: ACR08424.1).

Host: Rabbit**Antigen Synonyms:** Influenza A**Conjugation:** Unconjugated**Predicated Band Size:**

53 KD

Observed Band Size:

53 KD

Formulation:

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

sodium azide.

Ig Subclass: Rabbit IgG**Specificity:** GenScript **H1N1 NS1 Antibody** detects influenza A (H1N1) NS1 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.