

## H1N1 HA Antibody, pAb, Rabbit

**Cat. No.:** A01557-40

**Size:** 40 µg

**Synonyms:** H1N1 HA Antibody, pAb, Rabbit;

### Description:

Influenza A (H1N1) virus is a subtype of influenzavirus A and the most common cause of influenza (flu) in humans. A strain of swine-origin H1N1 was responsible for the 2009 flu pandemic. HA (Hemagglutinin) is an antigenic glycoprotein found on the surface of the H1N1 virus. And it is responsible for binding the virus to the cell that is being infected.

**GenScript H1N1 HA Antibody** is developed in rabbit using a KLH-coupled synthetic peptide within residues 200-250 of Influenza A (H1N1) 2009 virus HA protein (GenBank: CY039999).

**Immunogen:** KLH-coupled synthetic peptide within residues 200-250 of Influenza A (H1N1) 2009 virus HA protein (GenBank: CY039999).

**Host:** Rabbit

**Antigen Synonyms:** Influenza A

**Conjugation:** Unconjugated

**Predicated Band Size:**

115 KD

**Observed Band Size:**

115 KD

**Formulation:**

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

sodium azide.

**Ig Subclass:** Rabbit IgG

**Specificity:** GenScript H1N1 HA Antibody detects influenza A (H1N1) HA 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)

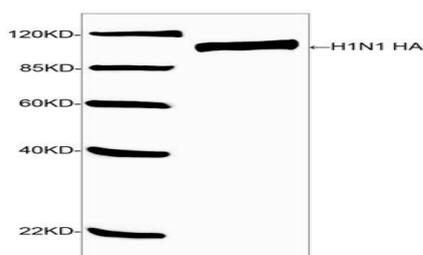
### Reconstitution:

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.

### Example



Western blot analysis of H1N1 HA recombinant protein using H1N1 HA Antibody (GenScript, A01557, 1 µg/ml). The signal was developed with IRDye™ 800 Conjugated Goat Anti-Rabbit IgG.

Predicted Size: 115 KD

Observed Size: 115 KD