

# Anti-HA antibody



Catalog Number: 101646

## Product name

Anti-HA antibody

## Specificity

H1N1 (A/California/04/2009) HA

## Antibody description

Rabbit polyclonal to HA

## Preparation

Produced in rabbits immunized with purified, recombinant recombinant Influenza A virus H1N1 Hemagglutinin / HA. Hemagglutinin / HA specific IgG was purified by Influenza A virus H1N1 Hemagglutinin / HA affinity chromatography.

## Formulation

0.2 µm filtered solution in PBS with 5% trehalose

## Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

## Clonality

Polyclonal

## Ig Type

Rabbit IgG

## Applications

ELISA, WB, IHC-P, IP

## Dilutions

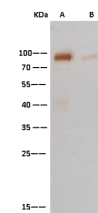
WB: 0.5-1 µg/ml

ELISA: 0.1-0.2 µg/mL

This antibody can be used at 0.1-0.2 µg/mL with the appropriate secondary reagents to detect H1N1 (A/California/04/2009) HA. The detection limit for H1N1 (A/California/04/2009) HA is < 0.039 ng/well.

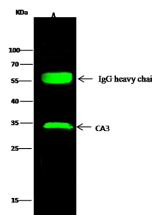
IP: 1-4 µg/mg of lysate

## Validations



| Items                                   | Lanes   | A          | B          |
|---|---|------------|------------|
| Sample (protein)                        |   | H1N1-C-Hah | H1N1-C-Hah |
| Sample Volume (ng/lane)                 |   | 100        | 10         |
| Gel                                     | 13% SDS-PAGE reducing gel   |            |            |
| Recommended Concentration               | 0.5-1 µg/ml   |            |            |
| Secondary Antibody                      | Goat anti Rabbit IgG (H+L)/HRP 0.4 µg/ml                          |            |            |
| Developed using Odyssey imaging system. |   |            |            |
| Explanation                             | Predicted band size : 75-80 kDa<br>Observed band size : 75-80 kDa |            |            |

Influenza A H1N1 (Swine Flu 2009) Hemagglutinin / HA Antibody, Rabbit Pab, Antigen Affinity Purified, Western blot



| Items                      | Lanes   | A      |
|----------------------------|---|--------|
| Sample (whole cell lysate) |   | HepG2  |
| Sample quantity            |   | 0.5 mg |
| IP antibody quantity       |   | 2 µg   |
| Protein G agarose          | 15 µl of 50% Protein G Agarose  |        |
| Gel                        | 13% SDS-PAGE reducing gel   |        |
| Primary antibody           | CA3 antibody at 4 µg/ml [Cat# 10503-R006]                             |        |
| Secondary antibody         | DyLight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. |        |

Influenza A H1N1 (Swine Flu 2009) Hemagglutinin / HA Antibody, Rabbit Pab, Antigen Affinity Purified, Immunoprecipitation