

Rabbit anti-Human Influenza A Virus (subtype H1N1) Antibody

Influenza A Virus (subtype H1N1), Protein G Purified, Rabbit

CATALOG # AAA76490	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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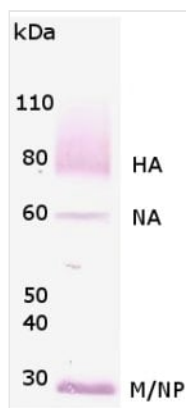
PRODUCT SYNONYMS

Influenza A Virus (subtype H1N1); Protein G Purified; Rabbit; anti-Influenza A Virus (subtype H1N1) antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Form/Format	Liquid. 100 ug in 100 ul (1 mg/ml) in PBS containing 0.02% sodium azide
Applicable Applications for anti-Influenza A Virus (subtype H1N1) antibody	WB (Western Blot)
Type Info	Rabbit IgG
Immunogen	A/California/14/2009 (H1N1) virions were used as an immunogen.
Preparation and Storage	Maintain at +2-8°C for 3 months or at -20°C for longer periods. Stable for 1 year. Avoid repeated freeze-thaw cycles

IMAGES



Application Data

Image: Western blot analysis of Influenza A Virus (subtype H1N1). 3 ug of intact A/California/14/2009 H1N1 virions were loaded on SDS-PAGE, transferred to a PVDF membrane and detected with rabbit anti-Influenza A Virus (subtype H1N1) Polyclonal Antibody at a 1:1,000 dilution. Goat anti-rabbit secondary antibody was used at 1:10,000 dilution. The antibody detects: Hemagglutinin (HA) ~75 kDa, Neuraminidase monomer (NA) ~55 kDa, Matrix (M) ~26 kDa and Non-structural Protein monomer (NP) ~26-27 kDa (M and NP often co-migrate as 1 band).

ADDITIONAL INFORMATION

Related Product Information for anti-Influenza A Virus (subtype H1N1) antibody	This antibody detects the following H1N1 proteins: Hemagglutinin (HA) ~75 kDa, Neuraminidase monomer (NA) ~55 kDa, Matrix (M) ~26 kDa and Non-structural Protein monomer (NS) ~26-27 kDa. Reacts with A/New Caledonia/20/99, A/Brisbane/10/2007, A/California/14/2009 and likely reacts with most other isolates. Influenzavirus A is a genus of the Orthomyxoviridae family of viruses and is a negative sense, single-stranded, segmented RNA virus. Based on the antigenicity of the glycoproteins, influenza A viruses are subdivided into sixteen H (H1-H16) and nine N (N1-N9) subtypes. A standard nomenclature for influenza virus isolates lists the influenza virus type (A or B), the host species (omitted if human origin), the geographical site, year of isolation, and the HA and NA subtype, for example: A/California/14/2009 (H1N1). The main antigenic determinants of influenza A and B viruses are the hemagglutinin (HA) and neuraminidase (NA) transmembrane glycoproteins. Projections of HA and NA cover the surface of the virus particle. NA forms a tetramer with an average molecular weight of 220 kDa (~55 kDa per monomer). The matrix (M) protein of influenza A virus is one of the two group-specific internal proteins of the virion, The non-structural protein (NP) exists as a homeodimer (molecular weight of 52 kDa) consisting of two identical monomers (each ~26 kDa).
Product Categories/Family for anti-Influenza A Virus (subtype H1N1) antibody	Influenza A Virus (subtype H1N1)

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rabbit-human-antibody/influenza-a-virus-subtype-h1n1/76490>