abcam

Product datasheet

Anti-Swine Influenza A Hemagglutinin antibody ab91641

3 References 1 Image

Overview

Product name	Anti-Swine Influenza A Hemagglutinin antibody
Description	Rabbit polyclonal to Swine Influenza A Hemagglutinin
Host species	Rabbit
Specificity	Specific for the Swine Influenza A (H1N1) Hemagglutinin. Does not bind the corresponding Hemagglutinin from seasonal H1N1 influenza virus.
Tested applications	**Suitable for:** ELISA, WB
Species reactivity	**Reacts with:** Influenza A
Immunogen	Synthetic peptide containing the sequence specific to Swine Influenza A (H1N1) Hemagglutinin (ACQ76314).
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab91641 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

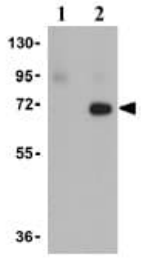
Application	Abreviews	Notes
ELISA		Use a concentration of 1 - 2 µg/ml.
WB		Use a concentration of 2 µg/ml. Predicted molecular weight: 61 kDa.

Target

Relevance

In early 2009, a novel swine-origin influenza A (H1N1) virus was identified in specimens obtained from patients in Mexico and the United States. The virus spread quickly around the world and on June 11, 2009, the World Health Organization declared it a pandemic. Influenza A virus has one of sixteen possible Hemagglutinin (HA) surface proteins and one of nine possible Neuraminidase (NA) surface proteins. The Hemagglutinin protein facilitates viral attachment while Neuraminidase is involved in viral release. These proteins also elicit immune responses that prevent infection or independently reduce viral replication.

Images



Western blot - Anti-Swine Influenza A Hemagglutinin antibody (ab91641)

All lanes : Anti-Swine Influenza A Hemagglutinin antibody (ab91641) at 2 µg/ml

Lane 1 : Recombinant seasonal influenza Hemagglutinin
Lane 2 : Recombinant Swine Influenza A (H1N1) Hemagglutinin

Predicted band size: 61 kDa

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