

Rabbit anti-Virus Influenza A M2 Polyclonal Antibody | anti-M antibody

Avian Influenza A M2 Antibody

CATALOG # AAA303546	HOST Rabbit	REACTIVITY Virus	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

Influenza A M2; Polyclonal Antibody; Avian Influenza A M2 Antibody; Avian Influenza A M2; H5N1 M2; H5N1 membrane ion channel 2; anti-M antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Virus
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	97
Applicable Applications for anti-M antibody	WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 13 amino acid peptide from amino terminus of H5N1 M2.
Target Name	Avian Influenza A M2
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

ADDITIONAL INFORMATION

Related Product Information for anti-M antibody	Influenza A virus is a major public health threat, killing more than 30, 000 people per year in the USA. Novel influenza virus strains caused by genetic drift and viral recombination emerge periodically to which humans have little or no immunity, resulting in devastating pandemics. Influenza A can exist in a variety of animals; however, it is in birds that all subtypes can be found. These subtypes are classified based on the combination of the virus coat glycoproteins hemagglutinin (HA) and neuraminidase (NA) subtypes. During 1997, an H5N1 avian influenza virus was determined to be the cause of death in 6 of 18 infected patients in Hong Kong. The more recent virulent strain of H5N1 is now seen in Africa and Europe, as well as in Southeast Asia. There is some evidence of human to human spread of this virus, but it is thought that the transmission efficiency was fairly low. The influenza membrane ion channel (M2) is a small transmembrane protein that regulates the pH inside the virion during viral entry into the cell and protects the newly synthesized hemagglutinin during their transport through low pH cellular compartments. It has been suggested as a target of neutralizing antibodies.
Product Categories/Family for anti-M antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	85692681
Molecular Weight	11,194 Da

NCBI Official Full Name	membrane ion channel 2
UniProt Protein Name	Matrix protein 2
UniProt Gene Name	M
UniProt Entry Name	Q2L7I8_9INFA

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://www.aaabiotech.com/polyclonal/influenza-a-m2-antibody-western-blot-elisa/303546>