



# Rabbit Anti-H3N2 (A/Wyoming/3/03) HA Polyclonal Antibody (DPAB3954)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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| <b>Product Overview</b>    | Rabbit Polyclonal antibody to H3 (H3N2)  |
| <b>Antigen Description</b> | Human influenza hemagglutinin (HA) is a surface glycoprotein required for the infectivity of the human virus. The HA tag is derived from the HA molecule corresponding to amino acids 98-106 has been extensively used as a general epitope tag in expression vectors. Many recombinant proteins have been engineered to express the HA tag, which does not appear to interfere with the bioactivity or the biodistribution of the recombinant protein. This tag facilitates the detection, isolation, and purification of the proteins. |
| <b>Specificity</b>         | Reacts with contemporary H3 (H3N2) proteins. Cross-reactivity to other subtypes not tested.  |
| <b>Target</b>              | IAV H3N2   |
| <b>Immunogen</b>           | in vivo expressed hemagglutinin (amino acid 17-346) (H3N2) ( A/ Wisconsin/67/X-161/2005) protein (Genebank No. ABO37609).  |
| <b>Isotype</b>             | IgG  |
| <b>Source/Host</b>         | Rabbit   |
| <b>Species Reactivity</b>  | IAV  |
| <b>Purification</b>        | Immunoaffinity chromatography  |
| <b>Conjugate</b>           | Unconjugated   |
| <b>Applications</b>        | WB, ELISA  |
| <b>Size</b>                | 100 µg   |

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| <b>Preservative</b> | None   |
| <b>Storage</b>      | Store at 4°C; DO NOT FREEZE; Stable for 6 months from the date of shipment. Non-hazardous. |

## BACKGROUND

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| <b>Introduction</b> | Influenza A virus subtype H3N2 (also H3N2) is a subtype of viruses that causes influenza (flu). H3N2 Viruses can infect birds and mammals. In birds, humans, and pigs, the virus has mutated into many strains. H3N2 is increasingly abundant in seasonal influenza, which kills an estimated 36,000 people in the United States each year. In the last half of 2011, a dozen human cases of a new variant of the disease have been found in the U.S.A. This new variant is called H3N2v. It appears to be transmissible among humans. |
| <b>Keywords</b>     | Hemagglutinin; Group V; Orthomyxoviridae; Influenzavirus A; Influenzavirus B; Influenzavirus C; Isavirus; Thogotovirus; H3 (H3N2)  |