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H5N1 Hemagglutinin Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57985

Specification

H5N1 Hemagglutinin Polyclonal Antibody - Product Information

Application	**WB, IHC-P, IHC-F, IF**
Primary Accession	O56140
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**64277**

H5N1 Hemagglutinin Polyclonal Antibody - Additional Information

Other Names
Hemagglutinin {ECO:0000255|HAMAP-Rule:MF_04072}, Hemagglutinin HA1 chain {ECO:0000255|HAMAP-Rule:MF_04072}, Hemagglutinin HA2 chain {ECO:0000255|HAMAP-Rule:MF_04072}, HA {ECO:0000255|HAMAP-Rule:MF_04072}

Format
0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ℃.

H5N1 Hemagglutinin Polyclonal Antibody - Protein Information

Name HA {ECO:0000255|HAMAP-Rule:MF_04072}

Function
Binds to sialic acid-containing receptors on the cell surface, bringing about the attachment of the virus particle to the cell. This attachment induces virion internalization of about two third of the virus particles through clathrin-dependent

endocytosis and about one third through a clathrin- and caveolin-independent pathway. Plays a major role in the determination of host range restriction and virulence. Class I viral fusion protein. Responsible for penetration of the virus into the cell cytoplasm by mediating the fusion of the membrane of the endocytosed virus particle with the endosomal membrane. Low pH in endosomes induces an irreversible conformational change in HA2, releasing the fusion hydrophobic speptide. Several trimers are required to form a competent fusion pore.

Cellular Location
Virion membrane {ECO:0000255|HAMAP-Rule:MF_04072}; Single-pass type I membrane protein {ECO:0000255|HAMAP-Rule:MF_04072}. Host apical cell membrane {ECO:0000255|HAMAP-Rule:MF_04072}; Single-pass type I membrane protein {ECO:0000255|HAMAP-Rule:MF_04072}. Note=Targeted to the apical plasma membrane in epithelial polarized cells through a signal present in the transmembrane domain. Associated with glycosphingolipid- and cholesterol-enriched detergent-resistant lipid rafts {ECO:0000255|HAMAP-Rule:MF_04072}

H5N1 Hemagglutinin Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture