Rabbit anti H2N2 (Influenza A virus) Polyclonal Antibody

Alternative Name(s): Hemagglutinin; HA; Influenza A Virus; H2N2

Order Information

- **Description:** H2N2 (Influenza A virus)
- **Catalogue:** 601-250
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC(P), ELISA
- **Reactivity:** Virus

ANTIGEN PREPARATION

A recombinant protein of the region –"gkqiverilk eesdealkmt mvsalasryl tdmtveemsr dwfmlmpkqk vagplcvrmd qaimdkniil kanfsvifdr lenltllraf teegaivgei splpsfpght nedvknaigv ligglewndn tvrvsetlqr fawrssnetg" derived from internal region of Influenza A virus nonstructural protein (H2N2).

BACKGROUND

The Influenza A virus is a major public health threat. 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 H2N2 avian influenza virus was found from Malaya.

PURIFICATION

The Rabbit IgG is purified by Epitope Affinity Purification

FORMULATION

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antibody recognizes H2N2(NT) (Influenza A virus) protein. The other species are not tested.

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at –20oC to –70oC. The antibodies can be stored at 2oC-8oC for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

APPLICATIONS/SUGGESTED WORKING DILUTIONS*

- Western Blot: 0.1-1 µg/ml
- ELISA: 0.01-0.1 µg/ml
- Immunoprecipitation: 2-5 µg/ml
- IHC: 2-10 µg/ml
- Flow cytometry: Not tested
- Molecular Weight: 45.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

*Optimal dilutions should be determined by researchers for the specific applications.

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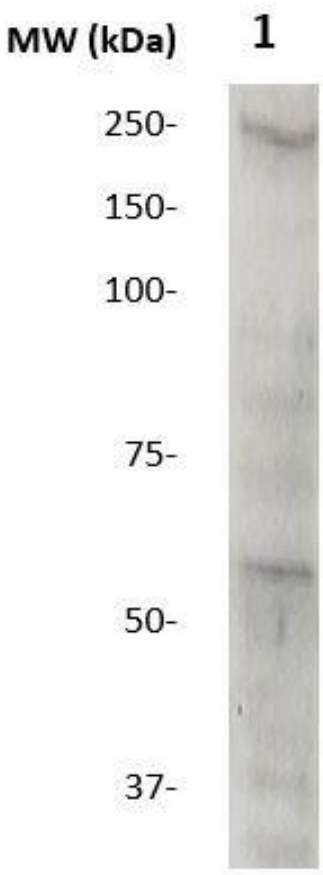
DATA ATTACHMENTS



Western Blot: The recombinant protein derived from the full-length (225aa) of H2N2 (5 ug/lane) was resolved onto 10% of SDS-PAGE, transferred onto NC membrane, and immunoblotted by Rabbit anti –H2N2 (IN)(Cat#601-250) antibody at 1:500 . An immunoreactive band around ~35 kDa was observed.

REFERENCES

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