# H1N1 Hemagglutinin 1 Antibody HRP Conjugated

Catalog No: #C03862H

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

## Description

| | |
|---|---|
| Product Name | H1N1 Hemagglutinin 1 Antibody HRP Conjugated |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Purified by Protein A. |
| Applications | WBIHC-P IHC-F |
| Species Reactivity | Influenza A virus H1N1 |
| Crossing Reactivity | Influenza A virus H1N1 |
| Immunogen Description | KLH conjugated synthetic peptide aa 20-70 566 derived from Influenza A Virus Hemagglutinin |
| Conjugates | HRP |
| Target Name | H1N1 Hemagglutinin 1 |
| Other Names | HA; HA1; Hemagglutinin; Influenza A Virus [A California 04 2009H1N1]. |
| Excitation Emission | N A |
| Cell Localization | Membrane bound, Cell membrane |
| Concentration | 1mg ml |
| Formulation | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |

## Application Details

WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200

## Background

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 H5N1 avian influenza virus was determined to be the cause of death in 6 of 18 infected patients in Hong Kong. There was some evidence of human to human spread of this virus, but it is thought that the transmission efficiency was fairly low. HA interacts with cell surface proteins containing oligosaccharides with terminal sialyl residues. Virus isolated from a human infected with the H5N1 strain in 1997 could bind to oligosaccharides from human as well as avian sources, indicating its species jumping ability.Influenza A Virus [A California 04 2009(H1N1)]

Note: This product is for in vitro research use only