

## Rabbit Anti-Avian Influenza A H5N1 Hemagglutinin (NT) Affinity Purified pAb

<b>Catalog No.</b>	PX700A	<b>Quantity:</b>	100 µg
	PX700B		0.5 mg

**Description:** 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.

**Concentration:** 1.0 mg/ml

**Host:** Rabbit

**Immunogen:** Synthetic peptide corresponding to a relatively conserved 15 amino acid viral sequence at the N-terminus of the Hemagglutinin protein (Genbank accession number AAT76166).

**Isotype:** IgG

**Formulation:** Liquid in PBS containing 0.02% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance that should be handled by trained staff only.

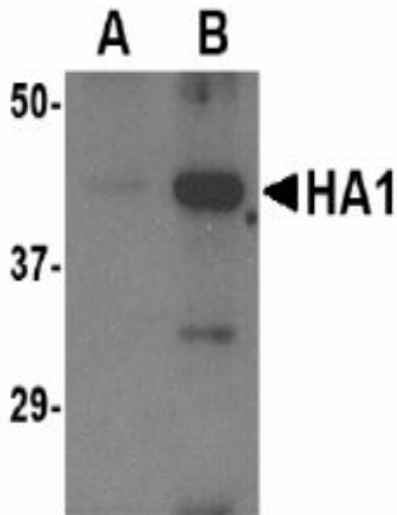
**Purification:** Immunoaffinity chromatography

**Applications:** ELISA  
Western blot  
The optimal antibody concentration should be determined by user.

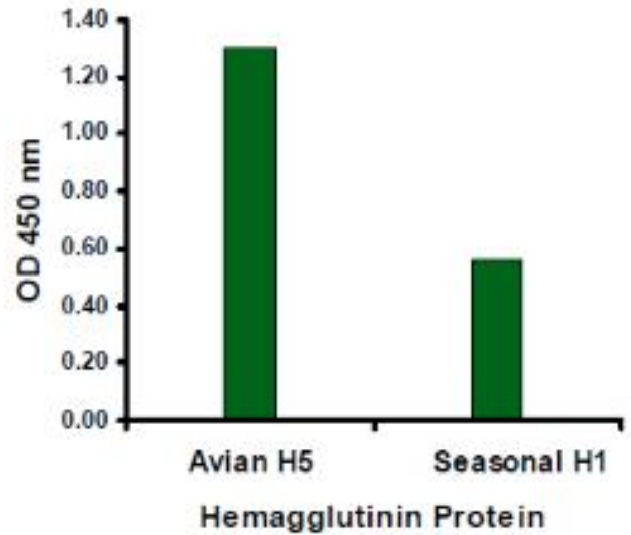
**Storage & Stability:** Stable at 4°C for three months. Stable at -20°C for up to one year. **Avoid repeated freeze/thaw cycles.**

**Also available:** Blocking peptide, Catalog No. PX700BP.  
Anti-Hemagglutinin (IN), Catalog No. PX701A.  
Anti-Neuraminidase (IN), Catalog No. PX703A.  
Anti-Neuraminidase (CT), Catalog No. PX702A.

Western blot analysis of 5 ng (A) and 25 ng (B) of recombinant HA1 with Rabbit anti-H5N1 HA pAb at 1  $\mu$ g/ml.



H5N1 HA pAb at 1  $\mu$ g/ml recognizes avian influenza A H5N1 and to a lesser extent seasonal influenza A 1N1 HA by ELISA assay.



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