



Anti-Influenza-A Hemagglutinin H1N1 polyclonal antibody (DPAB4262)

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

PRODUCT INFORMATION

Product Overview	Influenza Hemagglutinin protein is an envelope glycoprotein responsible for binding to sialic receptors and influenza viral entry into host cells. The antibody was produced by immunization of rabbits with purified recombinant influenza A/New Caledonia/20/99 produced in insect cells using baculovirus expression vector system. The antigen was purified under conditions that preserve the HA proteins biological activity and tertiary structure.
Antigen Description	H1N1 is a subtype specie of Influenza A virus. H1N1 Influenza Virus has mutated into various strains such as the Spanish Flu strain, mild human flu strains, endemic pig strains, and various strains found in birds. The Influenza A Virus is a globular particle about 100nm in diameter, sheathed in a lipid bilayer derived from the plasma membrane of its host. Studded in the lipid bilayer are two integral membrane proteins some 500 molecules of hemagglutinin ("H") and some 100 molecules of neuraminidase ("N"). Within the lipid bilayer are 3000 molecules of matrix protein and 8 pieces of RNA. Each of the 8 RNA molecules is associated with many copies of a nucleoprotein, several molecules of the three subunits of its RNA polymerase some "non-structural" protein molecules of uncertain function.
Immunogen	Recombinant Influenza A/New Caledonia/20/99.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	N/A
Conjugate	Unconjugated
Applications	ELISA, WB
Format	PBS pH-7.0, 0.005% NaN3 and 50% glycerol.

Size	20 µg, 100 µg
Preservative	See individual product datasheet
Storage	Store at -20°C. Two years at -20°C, one month at 4°C.
Ship	Antibody is shipped in liquid form with ice packs.

GENE INFORMATION

Gene Name	HA haemagglutinin [Influenza A virus (A/Puerto Rico/8/34(H1N1))]
Synonyms	HA; haemagglutinin
Entrez Gene ID	956529
Protein Refseq	NP_040980
UniProt ID	P03452