



Rabbit Anti-NDV HN protein polyclonal antibody (CABT-B8666)

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

PRODUCT INFORMATION

Immunogen	KLH conjugated synthetic peptide derived from NDV HN protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	NDV
Purification	Protein A affinity purified
Conjugate	Unconjugated
Applications	WB 1:500-2000; ELISA 1:5000-10000 Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	1 mg/ml
Size	50 µl, 100 µl, 200 µl
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol
Storage	For short-term storage, store at 2-8°C. For long-term storage, aliquot and store at -20°C. Avoid multiple freeze-thaw cycles.

BACKGROUND

Introduction

The entry of Newcastle disease virus (NDV), a prototype paramyxovirus, is directed by two virion glycoproteins, the hemagglutinin-neuraminidase (HN) protein and the fusion (F) protein . HN protein, the virus attachment protein, binds to sialic acid-containing receptors, and F protein mediates membrane fusion. In contrast to many viral fusion proteins, paramyxovirus F proteins do not require the acid pH of endosomes to activate fusion activity. As a consequence, infected cells expressing both attachment proteins and F proteins can fuse with adjacent cells to form multinuclear cells, or syncytia, a process that is assumed to mimic virus-cell fusion .

Keywords

hemagglutinin-neuraminidase protein; newcastle disease virus(NDV); HN protein;
hemagglutinin-neuraminidase protein [Newcastle disease virus]; HN_NDVB; Newcastle disease virus HN protein; Newcastle disease virus hemagglutinin neuraminidase protein

GENE INFORMATION

UniProt ID

[P32884](#)