



## Rabbit Anti-NDV HN protein antibody

SL4529R

<b>Product Name:</b>	NDV HN protein
<b>Chinese Name:</b>	鸡新城疫血凝素—神经氨酸酶抗体
<b>Alias:</b>	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.
<b>文献引用</b> <b>PubMed</b> :	<p><b>Specific References(1)</b>SL4529R has been referenced in 1 publications.</p> <p>[IF=4.43]Wei, Ding, et al. "Oncolytic Newcastle disease virus expressing chimeric antibody enhanced anti-tumor efficacy in orthotopic hepatoma-bearing mice."Journal of Experimental &amp; Clinical Cancer Research 34.1 (2015): 1.IHC-P;Mouse.</p> <p><a href="#">PubMed:26689432</a></p>
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	NDV
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	63kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from NDV HN protein:401-500/577/577
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized

	antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>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 .</p> <p><b>Function:</b> Attaches the virus to sialic acid-containing cell receptors and thereby initiating infection. Binding of HN protein to the receptor induces a conformational change that allows the F protein to trigger virion/cell membranes fusion (By similarity). Neuraminidase activity ensures the efficient spread of the virus by dissociating the mature virions from the neuraminic acid containing glycoproteins (By similarity).</p> <p><b>Subcellular Location:</b> Virion membrane; Single-pass type II membrane protein (Potential). Host cell membrane; Single-pass type II membrane protein (Potential).</p> <p><b>Similarity:</b> Belongs to the paramyxoviruses hemagglutinin-neuraminidase family.</p> <p><b>SWISS:</b> P32884</p> <p><b>Gene ID:</b> 912270</p> <p><b>Database links:</b> <a href="#">Entrez Gene: 912270</a> NDV <a href="#">SwissProt: P32884</a> NDV</p> <p><b>Important Note:</b> This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.</p>