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## Datasheet for ABIN2177846 **anti-Ndv Hn Protein antibody (Biotin)**

### Overview

|              |                                                                                    |
|--------------|------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                             |
| Target:      | Ndv Hn Protein (NDV Hemagglutinin-Neuraminidase)                                   |
| Reactivity:  | Newcastle Disease Virus (NDV)                                                      |
| Host:        | Rabbit                                                                             |
| Clonality:   | Polyclonal                                                                         |
| Conjugate:   | This Ndv Hn Protein antibody is conjugated to Biotin                               |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

### Product Details

|                             |                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------|
| Immunogen:                  | KLH conjugated synthetic peptide derived from Newcastle disease virus Hemagglutinin-neuraminidase protein |
| Isotype:                    | IgG                                                                                                       |
| Cross-Reactivity:           | Virus                                                                                                     |
| Cross-Reactivity (Details): | Newcastle disease                                                                                         |
| Purification:               | Purified by Protein A.                                                                                    |

### Target Details

|              |                                                          |
|--------------|----------------------------------------------------------|
| Target:      | Ndv Hn Protein (NDV Hemagglutinin-Neuraminidase)         |
| Abstract:    | <a href="#">NDV Hemagglutinin-Neuraminidase Products</a> |
| Target Type: | Viral Protein                                            |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | <p>Synonyms: hemagglutinin-neuraminidase protein, newcastle disease virusNDV, HN protein, hemagglutinin-neuraminidase protein [Newcastle disease virus], HN_NDVB, Newcastle disease virus HN protein, Newcastle disease virus hemagglutinin neuraminidase protein.</p> <p>Background: The hemagglutinin-neuraminidase (HN) protein of Newcastle disease virus (NDV) plays a crucial role in the process of infection. It 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.</p> |
| UniProt:    | <a href="#">P32884</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## Application Details

|                    |                                             |
|--------------------|---------------------------------------------|
| Application Notes: | <p>WB 1:100-1000</p> <p>IHC-P 1:100-500</p> |
| Restrictions:      | For Research Use only                       |

## Handling

|                    |                                                                                                                         |
|--------------------|-------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                  |
| Concentration:     | 1 µg/µL                                                                                                                 |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.             |
| Preservative:      | Sodium azide                                                                                                            |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                                  |
| Storage Comment:   | Store at -20°C for 12 months.                                                                                           |
| Expiry Date:       | 12 months                                                                                                               |