

## Rabbit Anti-Duck IgY Polyclonal Antibody

**Cat. No.: VD11N375**

**Product Type: Animal-targeted Antibodies**

**Size: 100 µL; 500 µL; 1 mL**

### Product Overview

BioVenic rabbit polyclonal antibody is specific for duck IgY. It can be applied to ELISA, WB and IHC assays of duck IgY.

### Specifications

|                             |                                         |
|-----------------------------|-----------------------------------------|
| Application                 | ELISA; WB; IHC                          |
| Clonality                   | Polyclonal                              |
| Classification              | Primary Antibody                        |
| Clone                       | D25N7                                   |
| Host                        | Rabbit                                  |
| Target Species              | Duck                                    |
| Species Reactivity          | Duck                                    |
| Specificity                 | Duck Duck IgY                           |
| Immunogen                   | Recombinant protein of duck IgY         |
| Purification                | Antigen Affinity Purified               |
| Concentration               | 1 mg/mL                                 |
| Conjugation                 | Unconjugated                            |
| Preservative and Stabilizer | 0.05% Sodium Azide                      |
| Buffer                      | 0.01M Phosphate Buffered Saline, pH 7.2 |
| Physical State              | Liquid                                  |

### Target Information

Duck IgY, or immunoglobulin Y, is a significant antibody found in the egg yolk of ducks, which offers substantial benefits in immunology and biotechnology. Functioning similarly to mammalian IgG, IgY is produced in response to a broad range of antigens, providing ducks with a robust immune defense mechanism. This immunoglobulin is particularly notable for its heat stability and resistance to proteolytic degradation, making it an ideal candidate for research and practical applications.

## Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 12 months). Avoid repeated freezing and thawing as this may denature the antibody.

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## Reference

León-Núñez, Diana, *et al.* "IgY antibodies as biotherapeutics in biomedicine." *Antibodies* 11.4 (2022): 62.

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The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.