

## Rabbit Anti-Rat Complement Component 3 (C3) Polyclonal Antibody

**Cat. No.: VD2N130**

**Product Type: Animal-targeted Antibodies**

**Size: 100 µL; 200 µL; 1 mL**

### Product Overview

BioVenic rabbit polyclonal antibody is specific for rat complement component 3. It is affinity purified by protein A. It can be applied to WB, IHC, ICC and IP assays of rat complement component 3.

### Specifications

|                             |                                                            |
|-----------------------------|------------------------------------------------------------|
| Application                 | WB; IHC; ICC; IP                                           |
| Clonality                   | Polyclonal                                                 |
| Classification              | Primary Antibody                                           |
| Clone                       | A16N37                                                     |
| Host                        | Rabbit                                                     |
| Target Species              | Rat                                                        |
| Species Reactivity          | Rat                                                        |
| Specificity                 | Rat Complement Component 3                                 |
| Isotype                     | IgG                                                        |
| Immunogen                   | Recombinant protein of rat complement component 3          |
| Purification                | Protein A Purified                                         |
| Concentration               | 0.5 mg/mL                                                  |
| Conjugation                 | Unconjugated                                               |
| Preservative and Stabilizer | 0.05% Proclin 300                                          |
| Buffer                      | 0.01M Phosphate Buffered Saline, pH 7.4, with 50% Glycerol |
| Physical State              | Liquid                                                     |

### Target Information

Rat Complement Component 3 (C3) is a key protein in the complement system, a part of the immune system that enhances the ability of antibodies and phagocytic cells to clear pathogens. C3 plays a central role in the activation of the complement cascade, leading to the formation of the membrane attack complex (MAC).

ng to the formation of the membrane attack complex and pathogen elimination. It is synthesized in the liver and circulates in the blood, where it can be activated by various mechanisms, including the classical, alternative, and lectin pathways. C3 is essential for immune defense and maintaining immune homeostasis.

|                |                                                                                                                                                         |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target         | Rat Complement Component 3                                                                                                                              |
| Target Synonym | ASP; CPAMD1; Complement Protein C3; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 1; C3a anaphylatoxin; Acylation stimulating protein |
| Gene ID        | <a href="#">24232</a>                                                                                                                                   |
| UniProt ID     | <a href="#">P01026</a>                                                                                                                                  |

## Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 2 years). Avoid repeated freezing and thawing as this may denature the antibody.

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.