

## Rabbit Anti-Mouse Ceruloplasmin (CP) Polyclonal Antibody

**Cat. No.:** VD1N41

**Product Type:** Animal-targeted Antibodies

**Size:** 100 µL; 200 µL; 1 mL

### Product Overview

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

### Specifications

|                             |                                                      |
|-----------------------------|------------------------------------------------------|
| Application                 | WB; IHC; ICC; IP                                     |
| Clonality                   | Polyclonal                                           |
| Classification              | Primary Antibody                                     |
| Clone                       | A1N41                                                |
| Host                        | Rabbit                                               |
| Target Species              | Mouse                                                |
| Species Reactivity          | Mouse                                                |
| Specificity                 | Mouse Ceruloplasmin                                  |
| Isotype                     | IgG                                                  |
| Immunogen                   | Recombinant protein of mouse ceruloplasmin           |
| Purification                | Protein A Purified                                   |
| Concentration               | 0.42 mg/mL                                           |
| Conjugation                 | Unconjugated                                         |
| Preservative and Stabilizer | 0.02% Sodium Azide                                   |
| Buffer                      | Phosphate Buffered Saline, pH 7.4, with 50% Glycerol |
| Physical State              | Liquid                                               |

### Target Information

Mouse Ceruloplasmin is a multifunctional copper-binding glycoprotein that carries most of the copper in plasma. It is a member of the multicopper oxidase family, involved in iron metabolism by oxidizing Fe(2+) to Fe(3+), facilitating iron loading onto transferrin. C

eruloplasmin also exhibits antioxidant properties by removing reactive oxygen species and has roles in lipid metabolism and immune regulation. Deficiency in ceruloplasmin is associated with iron accumulation and tissue damage, as seen in aceruloplasminemia.

|                |                                                              |
|----------------|--------------------------------------------------------------|
| Target         | Mouse Ceruloplasmin                                          |
| Target Synonym | CP2; CER; Caeruloplasmin; Ferroxidase; Oxygen Oxidoreductase |
| Gene ID        | <a href="#">12870</a>                                        |
| UniProt ID     | <a href="#">Q61147</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.