

Datasheet for ABIN6980649

## **anti-GGCX antibody (AA 351-450) (AbBy Fluor® 680)**



[Go to Product page](#)

### Overview

|                      |                                                                                                         |
|----------------------|---------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                  |
| Target:              | GGCX                                                                                                    |
| Binding Specificity: | AA 351-450                                                                                              |
| Reactivity:          | Mouse                                                                                                   |
| Host:                | Rabbit                                                                                                  |
| Clonality:           | Polyclonal                                                                                              |
| Conjugate:           | This GGCX antibody is conjugated to AbBy Fluor® 680                                                     |
| Application:         | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human GGCX |
| Isotype:              | IgG                                                      |
| Cross-Reactivity:     | Mouse                                                    |
| Predicted Reactivity: | Human,Rat                                                |
| Purification:         | Purified by Protein A.                                   |

### Target Details

|                   |                                        |
|-------------------|----------------------------------------|
| Target:           | GGCX                                   |
| Alternative Name: | GGCX ( <a href="#">GGCX Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | <p>Synonyms: Gamma glutamyl carboxylase, Gamma-glutamyl carboxylase, GC antibody GGCX, Peptidyl glutamate 4 carboxylase, Peptidyl-glutamate 4-carboxylase, Vitamin K dependent gamma carboxylase, Vitamin K gamma glutamyl carboxylase, Vitamin K-dependent gamma-carboxylase, VKCFD 1, VKCFD1, VKGC_HUMAN.</p> <p>Background: Mediates the vitamin K-dependent carboxylation of glutamate residues to calcium-binding gamma-carboxyglutamate (Gla) residues with the concomitant conversion of the reduced hydroquinone form of vitamin K to vitamin K epoxide.</p> |
| Gene ID:    | 2677                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| UniProt:    | <a href="#">P38435</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Pathways:   | <a href="#">SARS-CoV-2 Protein Interactome</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## Application Details

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| 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:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |