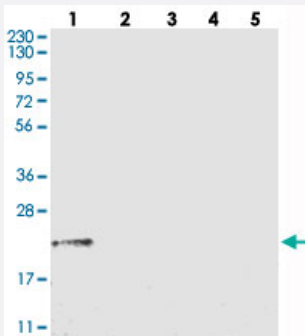


# GGCT polyclonal antibody

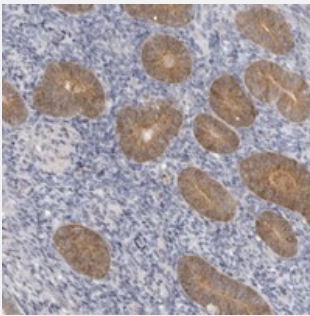
Catalog # PAB22369      Size 100 uL

## Applications



### Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with GGCT polyclonal antibody (Cat # PAB22369).



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human corpus, uterine with GGCT polyclonal antibody (Cat # PAB22369) shows moderate cytoplasmic positivity in glandular cells.

## Specification

|                            |                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Rabbit polyclonal antibody raised against recombinant GGCT.                                       |
| <b>Immunogen</b>           | Recombinant protein corresponding to amino acids of human GGCT.                                   |
| <b>Sequence</b>            | NSGCKDVTGPDEESFLYFAYGSNLLTERIHLRNPSAAFFCVARLQDFKLDGNSQGKTSQTWHG<br>GIATIFQSPGDEVWGVVWKMNKSNLNSLDE |
| <b>Host</b>                | Rabbit                                                                                            |
| <b>Reactivity</b>          | Human                                                                                             |
| <b>Form</b>                | Liquid                                                                                            |

|                     |                                                                                                                                      |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Purification        | Antigen affinity purification                                                                                                        |
| Isotype             | IgG                                                                                                                                  |
| Recommend Usage     | Immunohistochemistry (1:10-1:20)<br>Western Blot (1:250-1:500)<br>The optimal working dilution should be determined by the end user. |
| Storage Buffer      | In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)                                                                                    |
| Storage Instruction | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                               |
| Note                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.               |

## Applications

- Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with GGCT polyclonal antibody (Cat # PAB22369).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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## Gene Info — GGCT

|                    |                                                                                                                                                                                                                                    |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">79017</a>                                                                                                                                                                                                              |
| Protein Accession# | <a href="#">O75223</a>                                                                                                                                                                                                             |
| Gene Name          | GGCT                                                                                                                                                                                                                               |
| Gene Alias         | C7orf24, CRF21, FLJ11717, GCTG, Ggc, MGC3077                                                                                                                                                                                       |
| Gene Description   | gamma-glutamyl cyclotransferase                                                                                                                                                                                                    |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                          |
| Gene Summary       | GGCT (EC 2.3.2.4) catalyzes the formation of 5-oxoproline (pyroglutamic acid) from gamma-glutamyl dipeptides and may play a significant role in glutathione homeostasis (Oakley et al., 2008 [PubMed 18515354]).[supplied by OMIM] |
| Other Designations | cytochrome c-releasing factor 21 gamma -glutamyl cyclotransferase                                                                                                                                                                  |

## Pathway

- [Glutathione metabolism](#)

## Disease

- [Birth Weight](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)