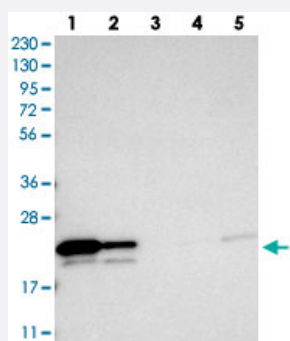


GGCT polyclonal antibody

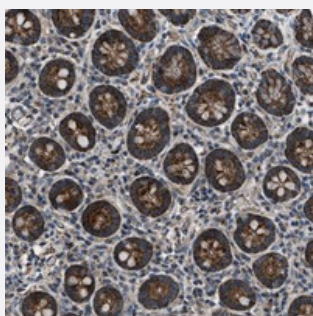
Catalog # PAB21330 Size 100 uL

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 # PAB21330).



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

Immunohistochemical staining of human small intestine with GGCT polyclonal antibody (Cat # PAB21330) strong cytoplasmic positivity in glandular cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant GGCT.
Immunogen	Recombinant protein corresponding to amino acids of human GGCT.
Sequence	QEGVKSGMYVVEVKVATQEGKEITCRSYLMTNYESAPPSQYKKIICMGAKENGLPLEYQEKLKAI EPNDYTGKVSEEIE
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Western Blot (1:250-1:500) 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. 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 # PAB21330).

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

Immunohistochemical staining of human small intestine with GGCT polyclonal antibody (Cat # PAB21330) strong cytoplasmic positivity in glandular cells.

Gene Info — GGCT

Entrez GeneID	79017
Protein Accession#	O75223
Gene Name	GGCT
Gene Alias	C7orf24, CRF21, FLJ11717, GCTG, Ggc, MGC3077
Gene Description	gamma-glutamyl cyclotransferase
Gene Ontology	Hyperlink
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](#)