

GGCT Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9676b

Specification

GGCT Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O75223
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	21008
Antigen Region	139-168

GGCT Antibody (C-term) - Additional Information

Gene ID 79017

Other Names

Gamma-glutamylcyclotransferase, Cytochrome c-releasing factor 21, GGCT, C7orf24, CRF21

Target/Specificity

This GGCT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 139-168 amino acids from the C-terminal region of human GGCT.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

GGCT Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

GGCT Antibody (C-term) - Protein Information

Name GGCT ([HGNC:21705](#))

Synonyms C7orf24, CRF21

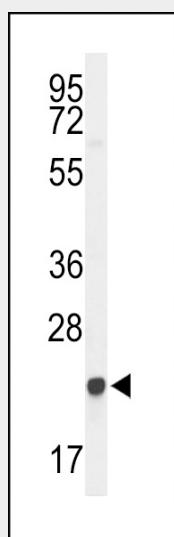
Function Catalyzes the formation of 5-oxoproline from gamma-glutamyl dipeptides and may play a significant role in glutathione homeostasis (PubMed:[18515354](#)). Induces release of cytochrome c from mitochondria with resultant induction of apoptosis (PubMed:[16765912](#)).

GGCT Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GGCT Antibody (C-term) - Images



Western blot analysis of GGCT Antibody (C-term) (Cat. #AP9676b) in 293 cell line lysates (35ug/lane). GGCT (arrow) was detected using the purified Pab.

GGCT Antibody (C-term) - Background

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.

GGCT Antibody (C-term) - References

Oakley, A.J., et al. J. Biol. Chem. 283(32):22031-22042(2008)
Bae, E., et al. Proteins 70(2):588-591(2008)
Masuda, Y., et al. Biochem. Biophys. Res. Commun. 346(2):454-460(2006)