

**GGT6 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP17485A**

**Specification**

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**GGT6 Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q6P531</a>
Other Accession	<a href="#">NP_001116362.1</a> , <a href="#">NP_699169.2</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	50509
Antigen Region	23-49

**GGT6 Antibody (N-term) - Additional Information**

**Gene ID** 124975

**Other Names**

Gamma-glutamyltransferase 6, GGT 6, Gamma-glutamyltranspeptidase 6, Glutathione hydrolase 6, Gamma-glutamyltransferase 6 heavy chain, Gamma-glutamyltransferase 6 light chain, GGT6

**Target/Specificity**

This GGT6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 23-49 amino acids from the N-terminal region of human GGT6.

**Dilution**

WB~~1:1000

**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**

GGT6 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**GGT6 Antibody (N-term) - Protein Information**

**Name** GGT6 ([HGNC:26891](#))

**Function** Hydrolyzes and transfers gamma-glutamyl moieties from glutathione and other

gamma-glutamyl compounds to acceptors.

#### Cellular Location

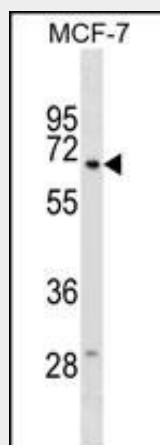
Membrane {ECO:0000250|UniProtKB:P19440}; Single-pass type II membrane protein {ECO:0000250|UniProtKB:P07314}

#### GGT6 Antibody (N-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](#)

#### GGT6 Antibody (N-term) - Images



GGT6 Antibody (N-term) (Cat. #AP17485a) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the GGT6 antibody detected the GGT6 protein (arrow).

#### GGT6 Antibody (N-term) - Background

GGT6 belongs to the gamma-glutamyltransferase (GGT; EC 2.3.2.2) gene family. GGT is a membrane-bound extracellular enzyme that cleaves gamma-glutamyl peptide bonds in glutathione and other peptides and transfers the gamma-glutamyl moiety to acceptors. GGT is also key to glutathione homeostasis because it provides substrates for glutathione synthesis (Heisterkamp et al., 2008 [PubMed 18357469]).

#### GGT6 Antibody (N-term) - References

Heisterkamp, N., et al. Hum. Genet. 123(4):321-332(2008)