

## Rabbit GGT1 Polyclonal Antibody | anti-GGT1 antibody

GGT1 Antibody (N-term)

| CATALOG # | HOST   | REACTIVITY                                    | APPLICATIONS        |
|-----------|--------|-----------------------------------------------|---------------------|
| AAA284843 | Rabbit | Human, mouse (Predicted Reactivity: Pig, Rat) | ELISA, Western Blot |

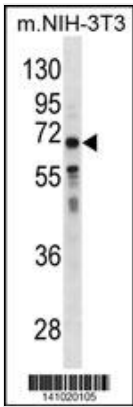
### PRODUCT SYNONYMS

GGT1; Polyclonal Antibody; GGT1 Antibody (N-term); Gamma-glutamyltranspeptidase 1; GGT 1; Gamma-glutamyltransferase 1; Glutathione hydrolase 1; Leukotriene-C4 hydrolase; CD224; Gamma-glutamyltranspeptidase 1 heavy chain; Gamma-glutamyltranspeptidase 1 light chain; GGT; anti-GGT1 antibody

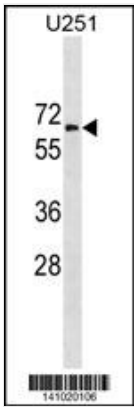
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                              |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                       |
| Reactivity                                     | Human, mouse (Predicted Reactivity: Pig, Rat)                                                                                                                                |
| Clonality                                      | Polyclonal                                                                                                                                                                   |
| Isotype                                        | Rabbit Ig                                                                                                                                                                    |
| Specificity                                    | This GGT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 124-152 amino acids from the N-terminal region of human GGT1.         |
| Purity/Purification                            | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/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. |
| Concentration                                  | Vial Concentration: 0.26 (varies by lot)                                                                                                                                     |
| Sequence Positions                             | 124-152                                                                                                                                                                      |
| Sequence Length                                | 225                                                                                                                                                                          |
| Applicable Applications for anti-GGT1 antibody | ELISA, WB (Western Blot)                                                                                                                                                     |
| Antigen Type                                   | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                 | HUMAN                                                                                                                                                                        |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

IMAGES



**WB (Western Blot)**  
GGT1 Antibody (N-term) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane).This demonstrates the GGT1 antibody detected the GGT1 protein (arrow).



**WB (Western Blot)**  
GGT1 Antibody (N-term) western blot analysis in U251 cell line lysates (35ug/lane).This demonstrates the GGT1 antibody detected the GGT1 protein (arrow).

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GGT1 antibody | The enzyme encoded by this gene catalyzes the transfer of the glutamyl moiety of glutathione to a variety of amino acids and dipeptide acceptors. The enzyme is composed of a heavy chain and a light chain, which are derived from a single precursor protein, and is present in tissues involved in absorption and secretion. This enzyme is a member of the gamma-glutamyltransferase protein family, of which many members have not yet been fully characterized and some of which may represent pseudogenes. This gene is classified as type I gamma-glutamyltransferase. Multiple alternatively spliced variants, encoding the same protein, have been identified. |
| Product Categories/Family for anti-GGT1 antibody   | Metabolism; Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| References                                         | Speliotes, E.K., et al. Hepatology 52(3):904-912(2010)<br>Ikeda, M., et al. Scand. J. Clin. Lab. Invest. 70(3):171-179(2010)<br>Fujita, M., et al. Exp. Biol. Med. (Maywood) 235(3):335-341(2010)<br>Kamatani, Y., et al. Nat. Genet. 42(3):210-215(2010)<br>Diergaarde, B., et al. Pancreatology 10 (2-3), 194-200 (2010) :                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                                          |
|----------------------------------|----------------------------------------------------------|
| NCBI GI #                        | 73915094                                                 |
| NCBI GeneID                      | 2678                                                     |
| NCBI Accession #                 | NP_001027536.1; NP_001027537.1; NP_005256.2; NP_038347.2 |
| NCBI GenBank Nucleotide #        | NM_001032364.2                                           |
| UniProt Accession #              | P19440; Q08247; Q14404; Q8TBS1; Q9UMK1                   |
| Molecular Weight                 | 61410                                                    |
| NCBI Official Synonym Full Names | gamma-glutamyltransferase 1                              |
| NCBI Official Symbol             | GGT1                                                     |
| NCBI Official Synonym Symbols    | GGT; GTG; CD224; GGT 1; D22S672; D22S732                 |
| NCBI Protein Information         | gamma-glutamyltranspeptidase 1                           |
| UniProt Protein Name             | Gamma-glutamyltranspeptidase 1                           |

|                            |            |
|----------------------------|------------|
| UniProt Gene Name          | GGT1       |
| UniProt Synonym Gene Names | GGT; GGT 1 |
| UniProt Entry Name         | GGT1_HUMAN |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ggt1-antibody-western-blot-elisa/284843>