# GGT1 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | GGT1, Polyclonal Antibody |
| **Full Product Name** | GGT1 |
| **Product Gene Name** | anti-GGT1 antibody |
| **Product Synonym Names** | Purified Rabbit Anti Human GGT1 Polyclonal antibody; CD224; D22S672; D22S732; GGT; GGT 1; GTG |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human<br>Predicted: Rat, Mouse |
| **Form/Format** | Already dissolved in sterile H2O with 1% BSA and 0.02% NaN3 and 50% Glycerol. |
| **Purity/Purification** | Purified By Antigen Affinity Column |
| **Molecular Weight** | 61kDa |
| **Immunogen** | Recombinant fragment corresponding to 98-200aa of human GGT1. |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-GGT1 antibody** | ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC) |
| **Application Notes for anti-GGT1 antibody** | ELISA: 1:20000-80000<br>WB: 1:200-1,000<br>IHC: 1:100-500 |
| **Related Product Information for anti-GGT1 antibody** | MBS8564310 is an antibody targeting GGT1. Reactive in Human<br>Predicted: Rat, Mouse. Host: Rabbit. Homo sapiens gamma-glutamyltransferase 1 |
| **Product References and Citations for anti-GGT1 antibody** | Miller S P, Awasthi Y C, Srivastava S K. Studies of human kidney gamma-glutamyl transpeptidase. Purification and structural, kinetic and immunological properties. Journal of Biological Chemistry. 251 (8):2271-2278 (1976) |
| **Other Notes** | Small volumes of anti-GGT1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GGT1. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 47481060 |
| **NCBI GeneID** | 2678 |
| **NCBI Accession #** | BC069326 |
| **UniProt Related Accession #** | P19440 |
| **NCBI Official Full Name** | Homo sapiens gamma-glutamyltransferase 1, mRNA |
| **NCBI Official Synonym Full Names** | gamma-glutamyltransferase 1 |

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| **NCBI Official Symbol** | GGT1 |
| **NCBI Official Synonym Symbols** | GGT; GTG; GGTD; CD224; GGT 1; D22S672; D22S732 |
| **Protein Family** | Gamma-glutamyltranspeptidase |
| **NCBI Protein Information** | glutathione hydrolase 1 proenzyme |
| **NCBI Summary for GGT1** | The enzyme encoded by this gene is a type I gamma-glutamyltransferase that 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. It is expressed in tissues involved in absorption and secretion and may contribute to the etiology of diabetes and other metabolic disorders. Multiple alternatively spliced variants have been identified. There are a number of related genes present on chromosomes 20 and 22, and putative pseudogenes for this gene on chromosomes 2, 13, and 22. [provided by RefSeq, Jan 2014] |
| **Research Articles on GGT1** | **1.** High serum GGT expression is associated with advanced urothelial carcinoma. |
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