

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

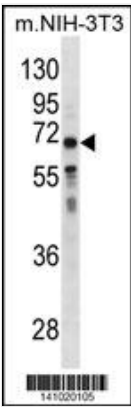
PRODUCT SYNONYMS

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

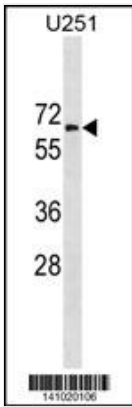
PRODUCT SPECIFICATIONS

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) Ikeda, M., et al. Scand. J. Clin. Lab. Invest. 70(3):171-179(2010) Fujita, M., et al. Exp. Biol. Med. (Maywood) 235(3):335-341(2010) Kamatani, Y., et al. Nat. Genet. 42(3):210-215(2010) 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://stage.aaabiotech.com/polyclonal/ggt1-antibody-western-blot-elisa/284843>