

Rabbit anti-Human GGT1 Polyclonal Antibody | anti-GGT1 antibody

GGT1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233716	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

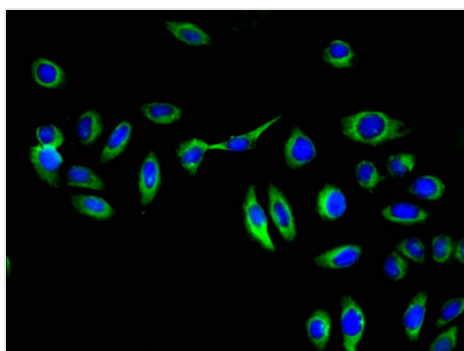
PRODUCT SYNONYMS

GGT1; Polyclonal Antibody; GGT1 Antibody; Gamma-glutamyltranspeptidase 11 Publication; Gamma-glutamyltransferase 1; Glutathione hydrolase 1; GGT; anti-GGT1 antibody

PRODUCT SPECIFICATIONS

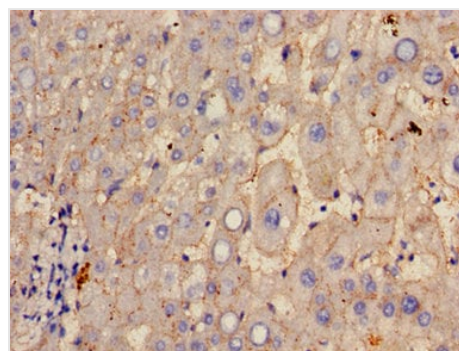
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	569
Applicable Applications for anti-GGT1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Gamma-glutamyltranspeptidase 1 protein (13-225AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of A549 cells using AAA233716 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver tissue using AAA233716 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-GGT1 antibody	Cleaves the gamma-glutamyl bond of extracellular glutathione (gamma-Glu-Cys-Gly), glutathione conjugates, and other gamma-glutamyl compounds. The metabolism of glutathione releases free glutamate and the dipeptide, cysteinyl-glycine, which is hydrolyzed to cysteine and glycine by dipeptidases. In the presence of high concentrations of dipeptides and some amino acids, can also catalyze a transpeptidation reaction, transferring the gamma-glutamyl moiety to an acceptor amino acid to form a new gamma-glutamyl compound. Initiates extracellular glutathione (GSH) breakdown, provides cells with a local cysteine supply and contributes to maintain intracellular GSH level. It is part of the cell antioxidant defense mechanism. Isoform 3 seems to be inactive.
Product Categories/Family for anti-GGT1 antibody	Cancer; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	572152963
NCBI GeneID	2678
NCBI Accession #	NP_001275762.1
NCBI GenBank Nucleotide #	NM_001288833.1
UniProt Accession #	P19440; Q08247; Q14404; Q8TBS1; Q9UMK1
Molecular Weight	24,080 Da
NCBI Official Full Name	glutathione hydrolase 1 proenzyme
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	glutathione hydrolase 1 proenzyme
UniProt Protein Name	Glutathione hydrolase 1 proenzyme
UniProt Gene Name	GGT1
UniProt Synonym Gene Names	GGT; GGT 1

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-immunofluorescence-immunohistochemistry-elisa/233716>