

Rabbit GGT7 Polyclonal Antibody | anti-GGT7 antibody

GGT7 Antibody (N-term)

CATALOG # AAA283843	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse, Rat)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

GGT7; Polyclonal Antibody; GGT7 Antibody (N-term); Gamma-glutamyltransferase 7; GGT 7; Gamma-glutamyltransferase-like 3; Gamma-glutamyltransferase-like 5; Gamma-glutamyltranspeptidase 7; Glutathione hydrolase 7; Gamma-glutamyltransferase 7 heavy chain; Gamma-glutamyltransferase 7 light chain; GGTL3; GGTL5; anti-GGT7 antibody

PRODUCT SPECIFICATIONS

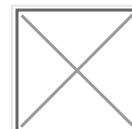
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GGT7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 24-53 amino acids from the N-terminal region of human GGT7.
Purity/Purification	Peptide 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: 0.5 (varies by lot)
Sequence Positions	24-53
Sequence Length	142
Applicable Applications for anti-GGT7 antibody	IHC (Immunohistochemistry), 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



IHC (Immunohistochemistry)

GGT7 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of GGT7 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

GGT7 Antibody (N-term) western blot analysis in uterus tumor cell line lysates (35ug/lane). This demonstrates the GGT7 antibody detected the GGT7 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GGT7 antibody	This gene is a member of a gene family that encodes enzymes involved in both the metabolism of glutathione and in the transpeptidation of amino acids. Changes in the activity of gamma-glutamyltransferase may signal preneoplastic or toxic conditions in the liver or kidney. The protein encoded by this gene consists of a heavy and a light chain, and it can interact with CT120, a plasma membrane-associated protein that is possibly involved in lung carcinogenesis.
Product Categories/Family for anti-GGT7 antibody	Signal Transduction
References	Rose, J. Phd, et al. Mol. Med. (2010) In press : Heisterkamp, N., et al. Hum. Genet. 123(4):321-332(2008) He, X., et al. Biochem. Biophys. Res. Commun. 297(3):528-536(2002) Figlewicz, D.A., et al. Genomics 17(2):299-305(1993)

NCBI AND UNIPROT INFORMATION

NCBI GI #	109148539
NCBI GeneID	2686
NCBI Accession #	NP_821158.2
NCBI GenBank Nucleotide #	NM_178026.2
UniProt Accession #	Q9UJ14; Q8N899; Q8NF66; Q9BYP5; Q9BYP6
Molecular Weight	70467
NCBI Official Full Name	gamma-glutamyltransferase 7
NCBI Official Synonym Full Names	gamma-glutamyltransferase 7
NCBI Official Symbol	GGT7
NCBI Official Synonym Symbols	GGT4; GGTL3; GGTL5; D20S101; dJ18C9.2
NCBI Protein Information	gamma-glutamyltransferase 7
UniProt Protein Name	Gamma-glutamyltransferase 7
UniProt Gene Name	GGT7
UniProt Synonym Gene Names	GGTL3; GGTL5; GGT 7
UniProt Entry Name	GGT7_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/ggt7-antibody-immunohistochemistry-western-blot-elisa/283843>