

Rabbit GGTL2 Polyclonal Antibody | anti-GGTL2 antibody

GGTLC2 Antibody (Center)

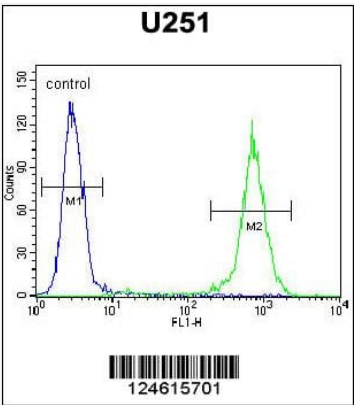
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287611	Rabbit	Human (Predicted Reactivity: Mouse, Pig, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

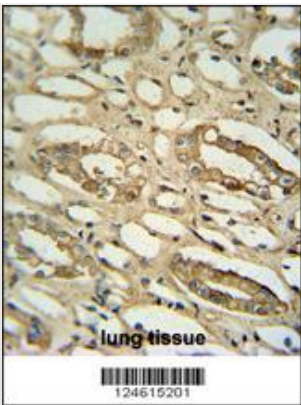
GGTLC2; Polyclonal Antibody; GGTL2 Antibody (Center); Gamma-glutamyltransferase light chain 2; Gamma-glutamyltransferase-like protein 4; GGTL4; anti-GGTLC2 antibody

PRODUCT SPECIFICATIONS

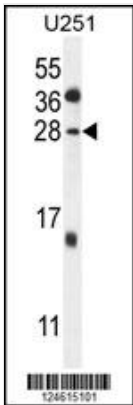
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GGTL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 127-154 amino acids from the Central region of human GGTL2.
Purity/Purification	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	127-154
Sequence Length	218
Applicable Applications for anti-GGTLC2 antibody	FCM/FACS (Flow Cytometry), 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.



FCM/FACS (Flow Cytometry)
GGTLC2 Antibody (Center) flow cytometric analysis of U251 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
GGTLC2 antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GGTLC2 antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
GGTLC2 Antibody (Center) western blot analysis in U251 cell line lysates (35ug/lane).This demonstrates the GGTLC2 antibody detected the GGTLC2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GGTLC2 antibody	Gamma-glutamyltransferase-1 (GGT1; MIM 612346) is a membrane-bound extracellular enzyme that cleaves gamma-glutamyl peptide bonds in glutathione and other peptides and transfers the gamma-glutamyl moiety to acceptors. Autocatalytic cleavage of the GGT1 precursor polypeptide produces a heavy chain and a light chain that associate with each other to form the functional enzyme. Light chain-only GGTs, such as GGTLC2, contain a region corresponding to the GGT1 light chain, but they lack the membrane-anchoring heavy chain region (Heisterkamp et al., 2008 [PubMed 18357469]).[supplied by OMIM].
Product Categories/Family for anti-GGTLC2 antibody	Metabolism; Signal Transduction
References	Heisterkamp, N., et al. Hum. Genet. 123(4):321-332(2008) Dunham, I., et al. Nature 402(6761):489-495(1999) Kawasaki, K., et al. Genome Res. 7(3):250-261(1997) Leh, H., et al. FEBS Lett. 394(3):258-262(1996) Wetmore, L.A., et al. Proc. Natl. Acad. Sci. U.S.A. 90(16):7461-7465(1993)

NCBI AND UNIPROT INFORMATION

NCBI GI #	218505805
NCBI GeneID	91227
NCBI Accession #	NP_954578.2
NCBI GenBank Nucleotide #	NM_199127.2
UniProt Accession #	Q14390; Q5NV76; Q6ISH0; A1A516; A2VCM9
Molecular Weight	23661
NCBI Official Full Name	gamma-glutamyltransferase light chain 2 isoform 1
NCBI Official Synonym Full Names	gamma-glutamyltransferase light chain 2
NCBI Official Symbol	GGTLC2
NCBI Official Synonym Symbols	GGTL4
NCBI Protein Information	gamma-glutamyltransferase light chain 2
UniProt Protein Name	Gamma-glutamyltransferase light chain 2
UniProt Gene Name	GGTLC2
UniProt Synonym Gene Names	GGTL4
UniProt Entry Name	GGTL2_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/ggtlc2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287611>