

GGT6 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP17485A

Product Information

Application WB, E Primary Accession Q6P531

Other Accession <u>NP_001116362.1</u>, <u>NP_699169.2</u>

Reactivity Human
Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Clone Names RB37522
Calculated MW 50509
Antigen Region 23-49

Additional Information

Gene ID 124975

Other Names Gamma-glutamyltransferase 6, GGT 6, Gamma-glutamyltranspeptidase 6,

Glutathione hydrolase 6, Gamma-glutamyltransferase 6 heavy chain,

Gamma-glutamyltransferase 6 light chain, GGT6

Target/Specificity This GGT6 antibody is generated from rabbits immunized with a KLH

conjugated synthetic peptide between 23-49 amino acids from the N-terminal

region of human GGT6.

Dilution WB~~1:2000 E~~Use at an assay dependent concentration.

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.

Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions GGT6 Antibody (N-term) is for research use only and not for use in diagnostic

or therapeutic procedures.

Protein Information

Name GGT6 (<u>HGNC:26891</u>)

Function Hydrolyzes and transfers gamma-glutamyl moieties from glutathione and

other gamma-glutamyl compounds to acceptors.

Membrane {ECO:0000250 | UniProtKB:P19440}; Single- pass type II membrane protein {ECO:0000250 | UniProtKB:P07314}

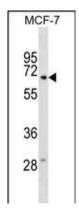
Background

GGT6 belongs to the gamma-glutamyltransferase (GGT; EC 2.3.2.2) gene family. GGT 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. GGT is also key to glutathione homeostasis because it provides substrates for glutathione synthesis (Heisterkamp et al., 2008 [PubMed 18357469]).

References

Heisterkamp, N., et al. Hum. Genet. 123(4):321-332(2008)

Images



GGT6 Antibody (N-term) (Cat. #AP17485a) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the GGT6 antibody detected the GGT6 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.