ELK Biotechnology

GGT1 (heavy chain, Cleaved-Gly380) rabbit pAb

Cat No.:ES20002

For research use only

Overview

Product Name	GGT1 (heavy chain, Cleaved-Gly380) rabbit pAb
Host species	Rabbit
Applications	WB; ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:1000-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human GGT1 (heavy chain, Cleaved-Gly380)
Specificity	This antibody detects endogenous levels of Human GGT1 (heavy chain, Cleaved-Gly380, protein was cleaved amino acid sequence between 380-381)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20℃. Avoid repeated freeze-thaw cycles.
Protein Name	GGT1 (heavy chain, Cleaved-Gly380)
Gene Name	GGT1 GGT
Cellular localization	Cell membrane ; Single-pass type II membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	46 62kD
Human Gene ID	2678
Human Swiss-Prot Number	P19440
Alternative Names	Gamma-glutamyltranspeptidase 1 (GGT 1;EC 2.3.2.2;Gamma-glutamyltransferase 1;Glutathione hydrolase 1;EC 3.4.19.13;Leukotriene-C4 hydrolase;EC 3.4.19.14;CD antigen CD224) [Cleaved into: Gamma-glutamyltranspeptidase 1 heavy chain; Gamma-glutamyltranspeptida
Background	The enzyme encoded by this gene is a type I

gamma-glutamyltransferase that 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. It is expressed in tissues involved in absorption and secretion and may contribute to the etiology of diabetes and other metabolic disorders. Multiple alternatively spliced variants have been identified. There are a number of related genes present on chromosomes 20 and 22, and putative pseudogenes for this gene on chromosomes 2, 13, and 22. [provided by RefSeq, Jan 2014],