

GGT1 (heavy chain, Cleaved-Gly380) rabbit pAb

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. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. Dilution WB 1:1000-2000 ELISA 1:5000-20000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Gamma-glutamyltranspeptidase 1 (GGT 1;EC 2.3.2.2;Gamma-glutamyltransferase 1;Glutathione hydrolase 1;EC 3.4.19.14;CD antigen CD224) [Cleaved into: Gamma-glutamyltranspeptidase 1 heavy chain; Gamma-glutamyltranspeptidase 1 heavy chain; Gamma-glutamyltranspeptidase 1 light chain] Observed Band 46 62kD Cell Pathway Cell membrane ; Single-pass type II membrane protein . Tissue Specificity Detected in fetal and adult kidney and liver, adult pancreas, stomach, intestine, placenta and lung. There are several other tissue-specific forms that arise from alternative promoter usage but that produce the same protein . Tissue Specificity Detected in fetal and adult kidney and liver, adult pancreas, forms that arise from alternative promoter usage but that produce the same protein . Tissue Specificity Detected in fetal and adult kidney and liver, adult pancreas,		
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	gamma glutamate. Isoform 3 seems to be inactive.,function:Initiates extracellular glutathione (GSH) breakdown; catalyzes the transfer of the glutamyl moiety of glutathione to amino acids and dipeptide acceptors.,miscellaneous:Corresponds to the light chain of other
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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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