



Cleaved-GGT4 HC (T472) rabbit pAb

Cat No.:ES5516

For research use only

Overview

Product Name	Cleaved-GGT4 HC (T472) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Gamma-glutamyltransferase 4. AA range:423-472
Specificity	Cleaved-GGT4 HC (T472) Polyclonal Antibody detects endogenous levels of fragment of activated GGT4 HC protein resulting from cleavage adjacent to T472.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Gamma-glutamyltransferase 7
Gene Name	GGT7
Cellular localization	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	50kD
Human Gene ID	2686
Human Swiss-Prot Number	Q9UJ14
Alternative Names	GGT7; GGTL3; GGTL5; Gamma-glutamyltransferase 7; GGT 7; Gamma-glutamyltransferase-like 3; Gamma-glutamyltransferase-like 5; Gamma-glutamyltranspeptidase 7; Glutathione hydrolase 7
Background	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. [provided by RefSeq, Jul 2008],

γ -glutamyltransferase 4
(heavy chain,Cleaved-Thr472

Western blot analysis of lysates from Jurkat cells, treated with etoposide 25uM 24h, using Gamma-glutamyltransferase 4 (heavy chain,Cleaved-Thr472) Antibody. The lane on the right is blocked with the synthesized peptide.

