



Rabbit Anti-GGT7 heavy chain antibody

SL13351R

Product Name:	GGT7 heavy chain
Chinese Name:	γ -谷氨酰转肽酶7重链抗体
Alias:	Gamma-glutamyltransferase 7 heavy chain; D20S101; dJ18C9.2; Gamma glutamyltransferase 4; Gamma glutamyltransferase 7; Gamma glutamyltransferase like 3; Gamma glutamyltransferase like 5; Gamma glutamyltranspeptidase 7; Gamma glutamyltranspeptidase like 3; GGT 7; GGT4; GGTL3; GGTL5; GGT7_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	52kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Gamma-glutamyltransferase 7 heavy chain:151-250/662<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 癢 for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20癢. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 癢.
PubMed:	PubMed
Product Detail:	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].

Function:

Cleaves glutathione conjugates.

Subunit:

Heterodimer composed of the light and heavy chains. The active site is located in the light chain. Isoform 3 interacts with FAM57A.

Subcellular Location:

Membrane; Single pass type II membrane protein.

Tissue Specificity:

Widely expressed, but at low level, except in the airway epithelial cells. Detected in brain, heart, kidney, liver, lung, spleen, testis and trachea.

Similarity:

Belongs to the gamma-glutamyltransferase family.

SWISS:

Q9UJ14

Gene ID:

2686

Database links:

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.