



## Rabbit Anti-GGT7 light chain antibody

SL10459R

<b>Product Name:</b>	GGT7 light chain
<b>Chinese Name:</b>	$\gamma$ -谷氨酰转肽酶7轻链抗体
<b>Alias:</b>	Gamma-glutamyltransferase 7 light 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.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,Sheep,
<b>Applications:</b>	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.
<b>Molecular weight:</b>	21kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human Gamma-glutamyltransferase 7 light chain:581-662/662<Extracellular>
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C 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°C. 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 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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.