

Rabbit Anti-GGT7 light chain antibody

SL10459R

Product Name	GGT7 light chain
Chinese Name	γ -谷氨酰转肽酶 7 轻链抗体
Alias	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.
Research Area	Tumour Cell biology Signal transduction Stem cells The new supersedes the old Transmembrane protein
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted: Human, Mouse, Rat, Pig, Cow, Horse, Rabbit, Sheep,) WB=1:500-2000,ELISA=1:5000-10000
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	21kDa
Cellular localization	The cell membrane
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human GGT7 light chain: 581-662/662 <Extracellular>
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed

[PubMed](#)

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:

Product Detail

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: