



Rabbit Anti-GTDC1 antibody

SL8582R

Product Name:	GTDC1
Chinese Name:	糖基转移酶样1抗体
Alias:	Glycosyltransferase like 1; Glycosyltransferase like domain containing 1; Glycosyltransferase like domain containing protein 1; Mannosyltransferase candidate; GTDC1 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Horse,Rabbit,Zebrafish,
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:	53kDa
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human GTDC1:361-458/458/
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:	Glycosyltransferases that mediate the regio- and stereoselective transfer of sugars, such as the fucosyltransferases, determine cell surface-carbohydrate profiles, which is an essential interface for biological recognition processes. GTDC1 (Glycosyltransferase-like domain-containing protein 1), also known as Mat-Xa, is a 458 amino acid protein belonging to the glycosyltransferase 1 family. GTDC1 is ubiquitously expressed, with

highest levels found in peripheral blood leukocytes, spleen, lung and testis. An extremely rare recessive genetic disorder, Alström syndrome, is caused by mutations in the ALMS1 gene, which maps to chromosome 2.

Tissue Specificity:

Ubiquitous. Expressed at high levels in the lung, spleen, testis and peripheral blood leukocytes.

Similarity:

Belongs to the glycosyltransferase group 1 family. Glycosyltransferase 4 subfamily.

SWISS:

Q4AE62

Gene ID:

79712

Database links:

[Entrez Gene: 424304](#)Chicken

[Entrez Gene: 534677](#)Cow

[Entrez Gene: 79712](#)Human

[Entrez Gene: 227835](#)Mouse

[Entrez Gene: 362129](#)Rat

[Omim: 610165](#)Human

[SwissProt: Q5ZI40](#)Chicken

[SwissProt: Q08DA7](#)Cow

Important Note:

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