SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-GTDC1/AF647 Conjugated antibody

Catalog Number: SL8582R-AF647

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-GTDC1/AF647
Immunogen:	KLH conjugated synthetic peptide derived from human GTDC1
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4°C.
Applications:	ICC/IF=1:50-200 IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted:Human,Mouse,Rat,Dog,Pig,Horse,Rabbit,Zebrafish)
Background:	background: 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, Alstr syndrome, is caused by mutations in the ALMS1 gene, which maps to chromosome 2. **Tissue Specificity:** biquitous. Expressed at high levels in the lung, spleen, testis and peripheral blood leukocytes. **Similarity:** Belongs to the glycosyltransferase group 1 family. Glycosyltransferase 4 subfamily. **Database links:** UniProtKB/Swiss-Prot: Q4AE62.1

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

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