

GTDC1 Rabbit pAb

Catalog # AP96242

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Predicted	Rat, Pig, Human, Mouse, Rabbit, Zebrafish, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GTDC1
Epitope Specificity	361-458/458/
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the glycosyltransferase group 1 family. Glycosyltransferase 4 subfamily.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	79712
Other Names	QTMAN_CHICK; GTDC1; QTMAN; Glycosyltransferase-like domain-containing protein 1; 2.4.1.110; QTMAN_BOVIN;
Target/Specificity	biquitous. Expressed at high levels in the lung, spleen, testis and peripheral blood leukocytes.
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.
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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.