Datasheet for ABIN1886052

anti-FPGT antibody (AA 146-423)

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Overview

Quantity:	100 µL
Target:	FPGT
Binding Specificity:	AA 146-423
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FPGT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 146 and 423 of Human FPGT
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	FPGT
Alternative Name:	FPGT (FPGT Products)
Background:	L-fucose is a key sugar in glycoproteins and other complex carbohydrates since it may be involved in many of the functional roles of these macromolecules, such as in cell-cell recognition.The fucosyl donor for these fucosylated oligosaccharides is GDP-beta-L-fucose.There are two alternate pathways for the biosynthesis of GDP-fucose, the major

Target Details

	pathway converts GDP-alpha-D-mannose to GDP-beta-L-fucose.The protein encoded by this gene participates in an alternate pathway that is present in certain mammalian tissues, such as liver and kidney, and appears to function as a salvage pathway to reutilize L-fucose arising from the turnover of glycoproteins and glycolipids.This pathway involves the phosphorylation of L-fucose to form beta-L-fucose-1-phosphate, and then condensation of the beta-L-fucose-1-phosphate with GTP by fucose-1-phosphate guanylyltransferase to form GDP-beta-L-fucose.[provided by RefSeq] Synonyms: GFPP
Molecular Weight:	67 kDa
Gene ID:	8790
NCBI Accession:	NP_003829, NM_003838

Application Details

Application Notes:	Suggested dilutions: Western blotting: 1.500-1.3000 Immunohistochemistry: 1.100-1.250
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	0.1 M Tris-buffered saline with 10 % Glycerol (pH 7.0).0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	Biohazard Informations: This product contains thimerosal which is hazardous.
Storage:	4 °C/-20 °C
Storage Comment:	Store at -20 °C for long term preservation (recommended). Store at 4 °C for short term use.