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Datasheet for ABIN5003412

anti-GFPT1 antibody (AA 601-699) (AbBy Fluor® 750)

Overview

Quantity:	100 µL
Target:	GFPT1
Binding Specificity:	AA 601-699
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GFPT1 antibody is conjugated to AbBy Fluor® 750
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GFPT1
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Sheep,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	GFPT1
Alternative Name:	GFPT1 (GFPT1 Products)

Target Details

Background:	<p>Synonyms: GFA, GFAT, GFPT, MSLG, CMS12, GFAT1, CMSTA1, GFAT 1, GFAT1m, GFPT1L, Glutamine--fructose-6-phosphate aminotransferase [isomerizing] 1, D-fructose-6-phosphate amidotransferase 1, Glutamine:fructose-6-phosphate amidotransferase 1, Hexosephosphate aminotransferase 1, GFPT1</p> <p>Background: Controls the flux of glucose into the hexosamine pathway. Most likely involved in regulating the availability of precursors for N- and O-linked glycosylation of proteins. Regulates the circadian expression of clock genes ARNTL/BMAL1 and CRY1.</p>
Gene ID:	2673
UniProt:	Q06210
Pathways:	ER-Nucleus Signaling , Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	<p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months