GFPT2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GFPT2, Polyclonal Antibody
Full Product Name	GFPT2 (Glucosamine-fructose-6-phosphate Aminotransferase [isomerizing] 2, D-fructose-6-phosphate Amidotransferase 2, Glutamine:fructose 6 Phos
Product Gene Name	anti-GFPT2 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human GFPT2.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Immunogen	Full length human GFPT2, aa1-682 (AAH00012.1).
Immunogen Sequence	MCGIFAYMNYRVPRTRKEIFETLIKGLQRLEYRGYDSAGVAIDGNNHEVKERHIQLVKKRGKVKALDEELYKQDSMDLKVEFETHFGIAHTRWATHGVPSA
Conjugate	MaxLight405
Note	Preservative Free
Product Categories/Family for anti-GFPT2 antibody	Antibodies; Enzymes; Aminotransferase
Applications Tested/Suitable for anti-GFPT2 antibody	Western Blot (WB)
Application Notes for anti-GFPT2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-GFPT2 antibody	GFPT2 controls the flux of glucose into the hexosamine pathway. This protein most likely involved in regulating the availability of precursors for N-and O
Other Notes	Small volumes of anti-GFPT2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces
Searchable Terms for GFPT2 purchase	MBS6379730 is an antibody targeting GFPT2. Also known as GFPT2 (Glucosamine-fructose-6-phosphate Aminotransferase [isomerizing] 2, D-fructose

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GFPT2. It may not necessarily be applicable to this product.

NCBI GI #	33875095
NCBI GeneID	9945
NCBI Accession #	BC000012.2
UniProt Related Accession #	O94808
NCBI Official Full Name	Homo sapiens glutamine-fructose-6-phosphate transaminase 2, mRNA
NCBI Official Synonym Full Names	glutamine-fructose-6-phosphate transaminase 2
NCBI Official Symbol	GFPT2
NCBI Official Synonym Symbols	GFAT; GFAT2; GFAT 2
Protein Family	Glutamine--fructose-6-phosphate aminotransferase
NCBI Protein Information	glutamine--fructose-6-phosphate aminotransferase [isomerizing] 2
Research Articles on GFPT2	**1.** Elevated GFPT2 expression correlates with poor clinical outcome in non-small cell lung cancer.
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