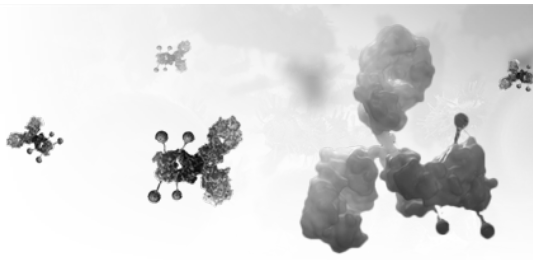

Human GPAM blocking peptide (CDBP1398)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking peptide for anti-GPAT1 antibody
Antigen Description	This gene encodes a mitochondrial enzyme which prefers saturated fatty acids as its substrate for the synthesis of glycerolipids. This metabolic pathway's first step is catalyzed by the encoded enzyme. Two forms for this enzyme exist, one in the mitochondria and one in the endoplasmic reticulum. Two alternatively spliced transcript variants have been described for this gene.
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	200 μg/ml
Size	50 μg
Buffer	PBS containing 0.02% sodium azide
Preservative	0.02% Sodium Azide
Storage	Store at -20℃, stable for one year.

GENE INFORMATION

Gene Name	GPAM glycerol-3-phosphate acyltransferase, mitochondrial [Homo sapiens]
Official Symbol	GPAM

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Synonyms	GPAM; glycerol-3-phosphate acyltransferase, mitochondrial; glycerol-3-phosphate acyltransferase 1, mitochondrial; glycerol 3 phosphate acyltransferase 1; mitochondrial; GPAT1; KIAA1560; MGC26846; GPAT-1; glycerol 3-phosphate acyltransferase, mitochondrial; GPAT; RP11-426E5.2;
Entrez Gene ID	57678
mRNA Refseq	NM_001244949
Protein Refseq	NP_001231878
UniProt ID	Q9HCL2
Chromosome Location	10q25.3
Pathway	CDP-diacylglycerol biosynthesis I, organism-specific biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Glycerolipid metabolism, organism-specific biosystem; Glycerolipid metabolism, conserved biosystem; Glycerophospholipid metabolism, organism-specific biosystem; Glycerophospholipid metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem;
Function	glycerol-3-phosphate O-acyltransferase activity; glycerol-3-phosphate O-acyltransferase activity; transferase activity, transferring acyl groups;

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