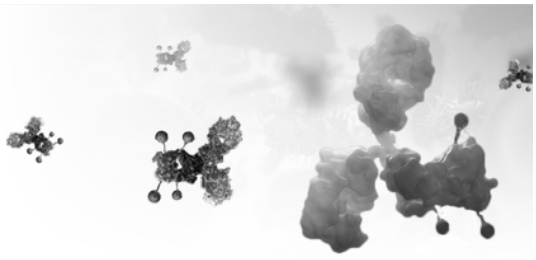

GPAM blocking peptide (CDBP5496)

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

PRODUCT INFORMATION

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. [provided by RefSeq, Oct 2011]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	GPAM glycerol-3-phosphate acyltransferase, mitochondrial [Homo sapiens (human)]
Official Symbol	GPAM
Synonyms	GPAM; glycerol-3-phosphate acyltransferase, mitochondrial; GPAT; GPAT1; glycerol-3-phosphate acyltransferase 1, mitochondrial; GPAT-1; glycerol 3-phosphate acyltransferase, mitochondrial
Entrez Gene ID	57678

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mRNA Refseq	NM_001244949
Protein Refseq	NP_001231878
UniProt ID	Q9HCL2
Pathway	Activation of gene expression by SREBF (SREBP); CDP-diacylglycerol biosynthesis I; Fatty acid; Glycerolipid metabolism; Glycerophospholipid biosynthesis; Glycerophospholipid metabolism; Metabolism; Metabolism of lipids and lipoproteins
Function	glycerol-3-phosphate O-acyltransferase activity

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