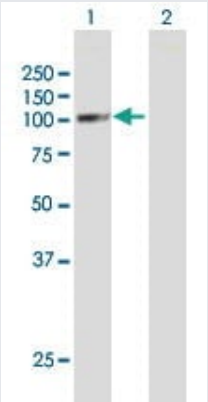
GPAM Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GPAM, Polyclonal Antibody
Full Product Name	GPAM (GPAT1, KIAA1560, Glycerol-3-phosphate Acyltransferase 1, Mitochondrial, GPAT-1, MGC26846, RP11-426E5.2) (Biotin)
Product Gene Name	anti-GPAM 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 Biotin.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human GPAM.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor
Immunogen	Full length human GPAM, aa1-828 (AAH30783.1).
Immunogen Sequence	MDEYALTLGTIDVSYLPHSSEYSVGRCKHTSEEWGECGFRPTIFRSATLKWKESLMSRKRPFVGRCCYSCTPQSWDKFFNTSIPSLGLRNVIYINETHTRH
Conjugate	Biotin
Note	Preservative Free
Product Categories/Family for anti-GPAM antibody	Antibodies; Enzymes; Acyltransferase
Applications Tested/Suitable for anti-GPAM antibody	Western Blot (WB)
Application Notes for anti-GPAM antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-GPAM antibody	Glycerol-3-phosphate acyltransferase (GPAT; EC 2.3.1.15), which catalyzes the initial and committing step in glycerolipid biosynthesis, is predicted to p
Other Notes	Small volumes of anti-GPAM antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necess
Searchable Terms for GPAM purchase	MBS6380156 is an antibody targeting GPAM. Also known as GPAM (GPAT1, KIAA1560, Glycerol-3-phosphate Acyltransferase 1, Mitochondrial, GPAT



Western Blot (WB) of anti-GPAM antibody
Western Blot analysis of GPAM expression in transfected 293T cell line by GPAM polyclonal antibody. Lane 1: GPAM transfected lysate (93.9kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

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

NCBI GI #	21315057
NCBI GeneID	57678
NCBI Accession #	BC030783.1
NCBI Related Accession #	AAH30783.1
UniProt Related Accession #	Q9HCL2
NCBI Official Full Name	Homo sapiens glycerol-3-phosphate acyltransferase, mitochondrial, mRNA
NCBI Official Synonym Full Names	glycerol-3-phosphate acyltransferase, mitochondrial
NCBI Official Symbol	GPAM
NCBI Official Synonym Symbols	GPAT; GPAT1
NCBI Protein Information	glycerol-3-phosphate acyltransferase 1, mitochondrial
NCBI Summary for GPAM	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]
Research Articles on GPAM	**1.** High GPAM expression is associated with Ovarian Carcinoma.
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