

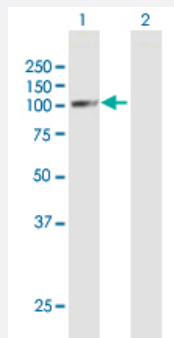
MaxPab®

GPAM purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00057678-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of GPAM expression in transfected 293T cell line ([H00057678-T01](#)) by GPAM MaxPab polyclonal antibody.

Lane 1: GPAM transfected lysate (93.90 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human GPAM protein.

Immunogen

GPAM (AAH30783.1, 1 a.a. ~ 828 a.a) full-length human protein.

Sequence

MDEYALTLGTIDVSYLPHSSEYSVGRCKHTSEEWGECGRPTIFRSATLKWKESLMSRKRPFVGR
CCYSTPQSWDKFFNTSIPSLGLRNVYINETHTRHRGWLARRLSYVLFQERDVHKGFMFATNVTE
NVLNSSRVQEAIAEVAELNPDGSAQQQSKAVNKVKKAKRILQEMVATVSPAMIRLTGWVLLKL
FNSFFWNIQIHKGQLEMVKAATETNLPLFLPVHRSHIDYLLLTFLFCHNIKAPYIASGNNLNIPFSTLI
HKLGGFFIRRLDETPDGRKDVLYRALLHGHIVELLRQQQFLEIFLEGTRSRSGKTSCARAGLLSV
VVDTLSTNVIPDILIPVGISYDRIEGHYNGEQLGPKKNESLWSVARGVIRMLRKNYGCVRVDFQAQ
PFSLKEYLESQSQKPVSAALLSLEQALLPAILPSRPSDAADEGRDTSINESRNATDESLRRRLIANLA
EHILFTASKSCAIMSTHIVACLLLYRHRQGIDLSTLVEDFFVMKEEVLRDFDLGFSGNSEDVVMH
AIQLLGNCVTITHTSRNDEFFITPSTTVPSVFELNFYSNGVLHVFMIEAIIACSLYAVLNKRGLGGPTS
TPPNLISQEQLVRKAASLCYLLSNEGTISLPCQTFYQVCHETVGKFIQYGILTVAEHDDQEDISPSLA
EQQWDKKLPEPLSWRSDEDEDSDFGEEQRDCYLKVSQSKEHQFIFLQRLLGPLLEAYSSA
AIFVHNFGPVPPEPEYLQKLHKYLITRTERNVAVYAESATYCLVKNVVKMFKDIGVFKETKQKRVS
VLELSSTFLPQCNRQKLLEYLSFVVL

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence	Mouse (92); Rat (91)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — GPAM

Entrez GeneID	57678
GeneBank Accession#	BC030783.1
Protein Accession#	AAH30783.1
Gene Name	GPAM
Gene Alias	GPAT1, KIAA1560, MGC26846, RP11-426E5.2
Gene Description	glycerol-3-phosphate acyltransferase, mitochondrial
Omim ID	602395
Gene Ontology	Hyperlink
Gene Summary	Glycerol-3-phosphate acyltransferase (GPAT; EC 2.3.1.15), which catalyzes the initial and committing step in glycerolipid biosynthesis, is predicted to play a pivotal role in the regulation of cellular triacylglycerol and phospholipid levels. Two mammalian forms of GPAT have been identified on the basis of localization to either the endoplasmic reticulum or mitochondria.[supplied by OMIM]
Other Designations	glycerol 3-phosphate acyltransferase, mitochondrial mitochondrial glycerol 3-phosphate acyltransferase

Pathway

- [Glycerolipid metabolism](#)
- [Glycerophospholipid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)