

## GPAM Conjugated Antibody

Catalog No: #C36513



Package Size: #C36513-AF350 100ul #C36513-AF405 100ul #C36513-AF488 100ul  
 #C36513-AF555 100ul #C36513-AF594 100ul #C36513-AF647 100ul  
 #C36513-AF680 100ul #C36513-AF750 100ul #C36513-Biotin 100ul

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## Description

Product Name	GPAM Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total GPAM protein.
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human glycerol-3-phosphate acyltransferase, mitochondrial
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	GPAT; GPAT1
Accession No.	Swiss-Prot#:Q9HCL2NCBI Gene ID:57678NCBI Protein#:NP_065969
Uniprot	Q9HCL2
GeneID	57678;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

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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.

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Note: This product is for in vitro research use only