

Rabbit GPAM Polyclonal Antibody | anti-GPAM antibody

GPAM Polyclonal Antibody

CATALOG # AAA280176	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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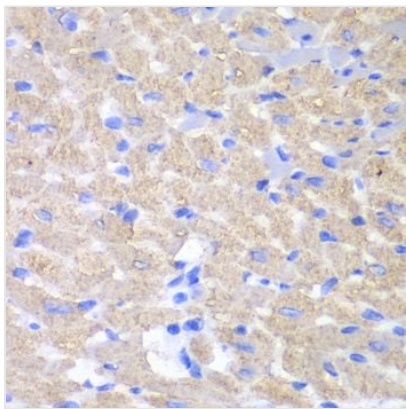
PRODUCT SYNONYMS

GPAM; Polyclonal Antibody; GPAM Polyclonal Antibody; GPAT; GPAT1; anti-GPAM antibody

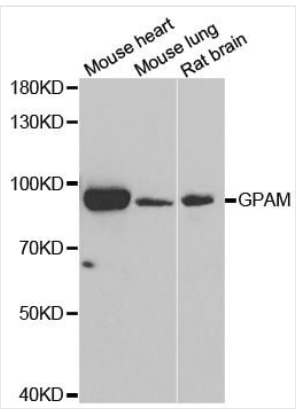
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	828
Applicable Applications for anti-GPAM antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human GPAM
Calculated Molecular Weight	93kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse heart using GPAM antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using GPAM antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-GPAM antibody	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.
Product Categories/Family for anti-GPAM antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	59803040
NCBI GeneID	57678
UniProt Accession #	Q9HCL2; Q5VW51; Q86TA3
Molecular Weight	828
NCBI Official Full Name	Glycerol-3-phosphate acyltransferase 1, mitochondrial
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; GPAT-1; glycerol 3-phosphate acyltransferase, mitochondrial
UniProt Protein Name	Glycerol-3-phosphate acyltransferase 1, mitochondrial
UniProt Gene Name	GPAM
UniProt Synonym Gene Names	GPAT1; KIAA1560; GPAT-1
UniProt Entry Name	GPAT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.