

GPAM Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS12434**Specification**

GPAM Antibody (C-Terminus) - Product Information

Application	IF, IHC
Primary Accession	O9HCL2
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	94kDa KDa

GPAM Antibody (C-Terminus) - Additional Information**Gene ID** 57678**Other Names**

Glycerol-3-phosphate acyltransferase 1, mitochondrial, GPAT-1, 2.3.1.15, GPAM, GPAT1, KIAA1560

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

GPAM Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

GPAM Antibody (C-Terminus) - Protein Information**Name** GPAM ([HGNC:24865](#))**Synonyms** GPAT1, KIAA1560**Function**

Esterifies acyl-group from acyl-ACP to the sn-1 position of glycerol-3-phosphate, an essential step in glycerolipids biosynthesis such as triglycerides, phosphatidic acids and lysophosphatidic acids.

Cellular Location

Mitochondrion outer membrane {ECO:0000250|UniProtKB:P97564}; Multi-pass membrane protein {ECO:0000250|UniProtKB:P97564}

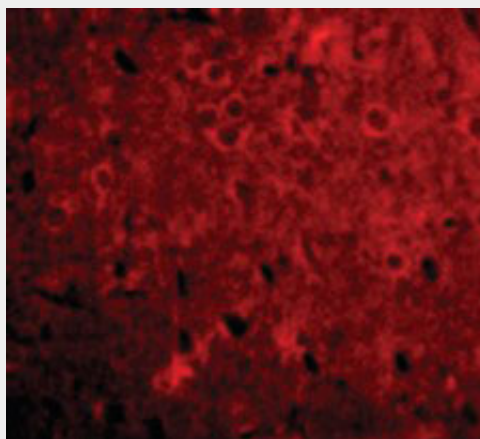
GPAM Antibody (C-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

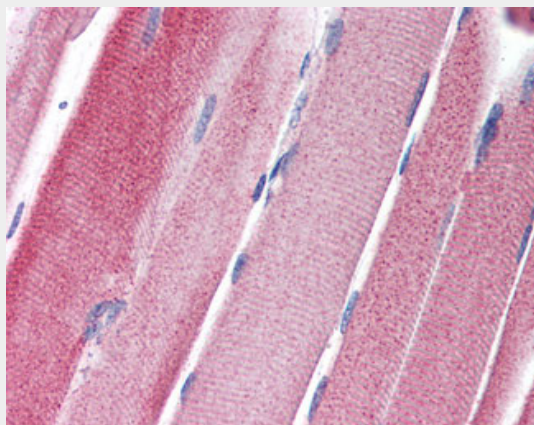
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GPAM Antibody (C-Terminus) - Images



Immunofluorescence of GPAT1 in Rat Brain cells with GPAT1 antibody at 20 ug/ml.



Anti-GPAM antibody IHC of human skeletal muscle.

GPAM Antibody (C-Terminus) - Background

Esterifies acyl-group from acyl-ACP to the sn-1 position of glycerol-3-phosphate, an essential step in glycerolipid biosynthesis.

GPAM Antibody (C-Terminus) - References

Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Deloukas P.,et al.Nature 429:375-381(2004).
Nagase T.,et al.DNA Res. 7:273-281(2000).
Olsen J.V.,et al.Cell 127:635-648(2006).
Chen Y.Q.,et al.J. Biol. Chem. 283:10048-10057(2008).