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

Specification

GPAM Antibody (C-Terminus) - Product Information

Application	**IF, IHC**
Primary Accession	Q9HCL2
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

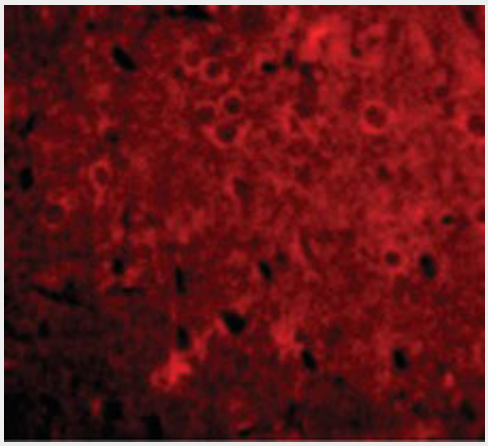
Provided below are standard protocols that you may find useful for product applications.

- Western Blot

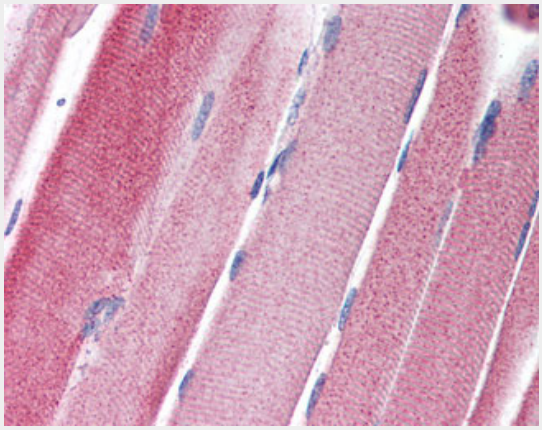
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- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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).