

Agpat9 Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13127**Specification**

Agpat9 Antibody - middle region - Product Information

Application	WB
Primary Accession	Q4V8J4
Other Accession	NM_001025670 , NP_001020841
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50kDa KDa

Agpat9 Antibody - middle region - Additional Information**Gene ID** 305166**Alias Symbol** **MGC114395****Other Names**

Glycerol-3-phosphate acyltransferase 3, GPAT-3, 2.3.1.15, 1-acyl-sn-glycerol-3-phosphate O-acyltransferase 9, 1-AGP acyltransferase 9, 1-AGPAT 9, 2.3.1.51, Lysophosphatidic acid acyltransferase theta, LPAAT-theta, Agpat9, Gpat3

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Agpat9 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Agpat9 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Agpat9 Antibody - middle region - Protein Information**Name** Gpat3 {ECO:0000312|RGD:1565703}**Synonyms** Agpat9**Function**

Converts glycerol-3-phosphate to 1-acyl-sn-glycerol-3-phosphate (lysophosphatidic acid or LPA) by incorporating an acyl moiety at the sn-1 position of the glycerol backbone. Also converts LPA into 1,2-diacyl-sn-glycerol-3-phosphate (phosphatidic acid or PA) by incorporating an acyl moiety at the

sn-2 position of the glycerol backbone. Protects cells against lipotoxicity.

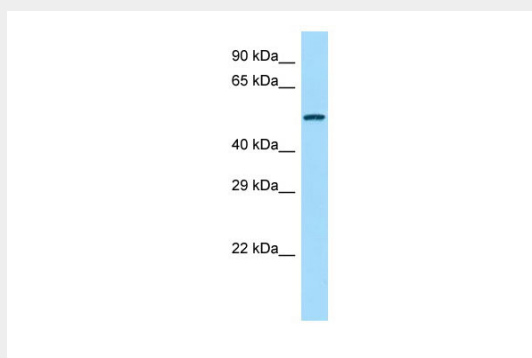
Cellular Location

Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q53EU6}; Multi-pass membrane protein

Agpat9 Antibody - middle region - 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](#)

Agpat9 Antibody - middle region - Images

Host: Rabbit

Target Name: Agpat9

Sample Tissue: Rat Spleen lysates

Antibody Dilution: 1.0µg/ml