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Agpat9 Antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI13127

Product Information

Application	WB
Primary Accession	Q4V8J4
Other Accession	NM_001025670, NP_001020841
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51012

Additional Information

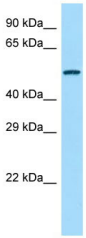
Gene ID	305166
Alias Symbol	MGC114395
Other Names	Glycerol-3-phosphate acyltransferase 3, GPAT-3, 2.3.1.15, 1-acyl-sn-glycerol-3-phosphate O-acyltransferase 9, 1-AGP acyltransferase 9, 1-AGPAT 9, 2.3.1.51, Lysophosphatidic acid acyltransferase theta, LPAAT-theta, Agpat9, Gpat3
Format	Liquid. Purified 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.

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

Images



Host: Rabbit
Target Name: Agpat9
Sample Tissue: Rat Spleen lysates
Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.