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AGPAT2 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12463

Product Information

Application	WB
Primary Accession	O15120
Other Accession	NM_006412, NP_006403
Reactivity	Human, Dog, Horse, Bovine, Yeast
Predicted	Human, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30914

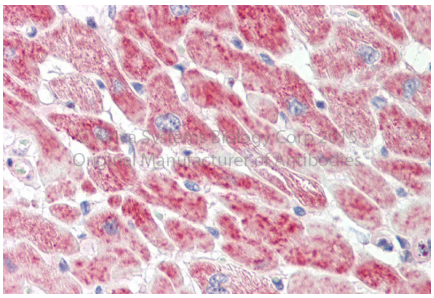
Additional Information

Gene ID	10555
Alias Symbol	1-AGPAT2, BSCL, BSCL1, LPAAB, LPAAT-beta
Other Names	1-acyl-sn-glycerol-3-phosphate acyltransferase beta, 2.3.1.51, 1-acylglycerol-3-phosphate O-acyltransferase 2, 1-AGP acyltransferase 2, 1-AGPAT 2, Lysophosphatidic acid acyltransferase beta, LPAAT-beta, AGPAT2
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-AGPAT2 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	AGPAT2 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

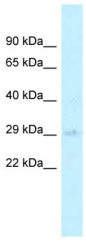
Protein Information

Name	AGPAT2
Function	Converts 1-acyl-sn-glycerol-3-phosphate (lysophosphatidic acid or 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.
Cellular Location	Endoplasmic reticulum membrane; Multi-pass membrane protein
Tissue Location	Expressed predominantly in adipose tissue, pancreas and liver.

Images



Rabbit Anti-AGPAT2 antibody
Formalin Fixed Paraffin Embedded Tissue: Human Adult Heart Observed Staining: Cytoplasm in hepatocytes
Primary Antibody
Concentration: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody
Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 â€“ 2.0 sec



WB Suggested Anti-AGPAT2 Antibody Titration: 1.0 µg/ml
Positive Control: 721_B Whole Cell