

AGPAT1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58261

Specification

AGPAT1 Polyclonal Antibody - Product Information

Application	IHC-P, WB
Primary Accession	O99943
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31717

AGPAT1 Polyclonal Antibody - Additional Information

Gene ID 10554

Other Names

1-acyl-sn-glycerol-3-phosphate acyltransferase alpha, 2.3.1.51, 1-acylglycerol-3-phosphate O-acyltransferase 1, 1-AGP acyltransferase 1, 1-AGPAT 1, Lysophosphatidic acid acyltransferase alpha, LPAAT-alpha, Protein G15, AGPAT1, G15

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

AGPAT1 Polyclonal Antibody - Protein Information

Name AGPAT1

Synonyms G15

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

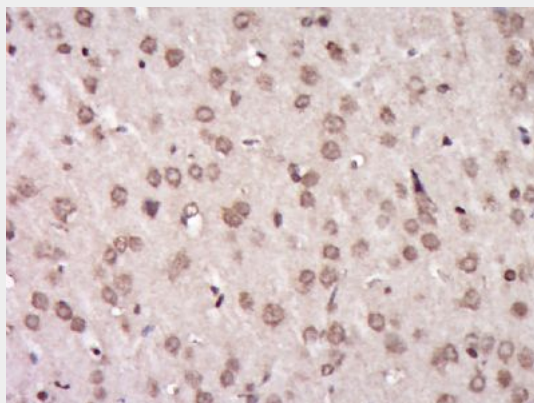
Widely expressed. Expressed in adipose tissue and at high levels in testis and pancreas. Expressed at lower levels in tissues such as heart, brain, placenta, kidney, lung, spleen, thymus, prostate, ovary, intestine, colon, leukocyte and liver

AGPAT1 Polyclonal Antibody - Protocols

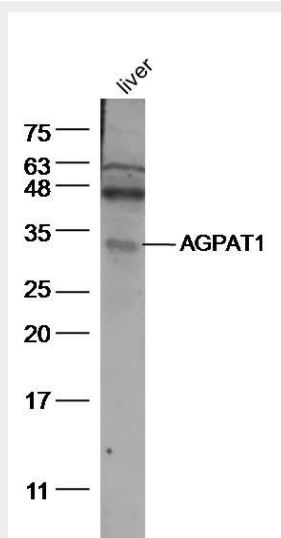
Provided below are standard protocols that you may find useful for product applications.

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

AGPAT1 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (AGPAT1) Polyclonal Antibody, Unconjugated (bs-5023R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Sample:
Liver (Mouse) Lysate at 40 ug
Primary: Anti-AGPAT1 (bs-5023R) at 1/500 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 31 kD
Observed band size: 31 kD