

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

AGPAT1 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q99943
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

Dilution

WB~1:1000<br \>IHC-P~N/A<br \>IHC-F~N/A<br \>IF~1:50~200<br \>E~N/A

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

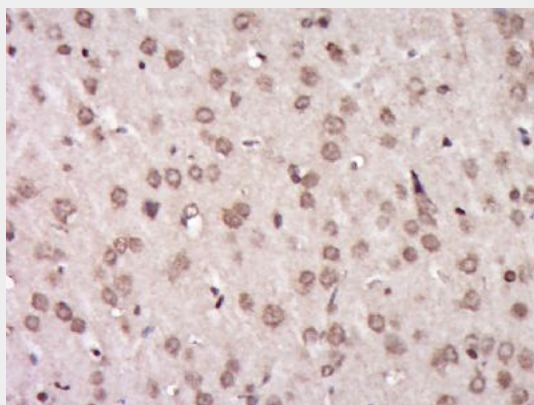
Tissue Location

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

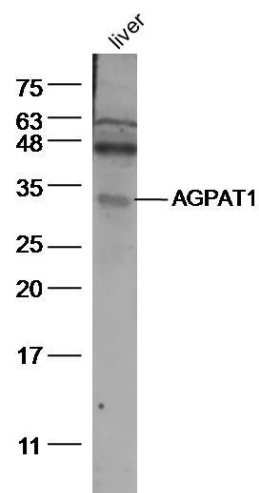
AGPAT1 Polyclonal Antibody - Protocols

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:

Siver (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