bs-5023R

AGPAT1 Rabbit pAb

[**Primary Antibody**]

Bioss ANTIBODIES

— DATASHEET

Host: Rabbit

Clonality: Polyclonal

GeneID: 10554

Target: AGPAT1

Immunogen: KLH conjugated synthetic peptide derived from human AGPAT1: 101-200/283.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.

Background: AGPAT1 converts lysophosphatidic acid (LPA) into phosphatidic acid by incorporating an acyl moiety at the sn-2 position of the glycerol backbone.

Isotype: IgG

SWISS: Q99943

Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Mouse, Rat
(predicted: Human, Rabbit, Pig, Sheep, Cow, Dog, Horse)

Predicted MW.: 31 kDa

Subcellular Location: Cytoplasm

— VALIDATION IMAGES
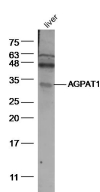
Sample: Siver (Mouse) Lysate at 40 ug Primary: Anti-AGPAT1 (bs-5023R) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 31 kD Observed band size: 31 kD
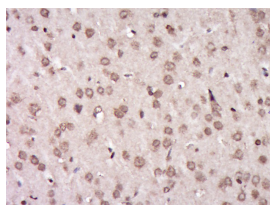
Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37℃ for 30min; Antibody incubation with (AGPAT1) Polyclonal Antibody, Unconjugated (bs-5023R) at 1:400 overnight at 4℃, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS

- **[IF=6.208]** Chang-Hai Liu. et al. CircRNA-PI4KB Induces Hepatic Lipid Deposition in Non-Alcoholic Fatty Liver Disease by Transporting miRNA-122 to Extra-Hepatocytes. INT J MOL SCI. 2023 Jan;24(2):1297 WB ;Human. 36674813