

bs-5033R**[Primary Antibody]****BioSS**
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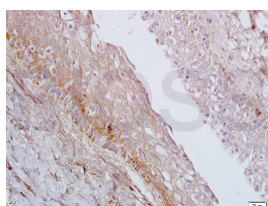
400-901-9800

AGPAT4 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
Clonality: Polyclonal		
GeneID: 56895	SWISS: Q9NRZ5	
Target: AGPAT4		
Immunogen: KLH conjugated synthetic peptide derived from human Agpat4: 231-330/378.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Reactivity: Mouse, Rat (predicted: Human, Rabbit, Pig, Cow, Dog, Horse)
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Predicted MW.: 44 kDa
Background: Agpat4 converts lysophosphatidic acid into phosphatidic acid by incorporating acyl moiety at the 2 position. The HXXXX motif is essential for acyltransferase activity and may constitute the binding site for the phosphate moiety of the glycerol-3-phosphate.		Subcellular Location: Cell membrane

— VALIDATION IMAGES —

Sample: Brain (Rat) Lysate at 40 ug Heart (Rat) Lysate at 40 ug
 Primary: Anti-AGPAT4 (bs-5033R) at 1/300 dilution
 Secondary: HRP conjugated Goat-Anti-rabbit IgG (bs-0295G-HRP) at 1/5000 dilution
 Predicted band size: 44 kD Observed band size: 41 kD



Tissue/cell: rat ovary tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-AGPAT4 Polyclonal Antibody, Unconjugated (bs-5033R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody (SP-0023) and DAB (C-0010) staining

— SELECTED CITATIONS —

- **[IF=0]** Bradley, Ryan M., et al. "Data on acylglycerophosphate acyltransferase 4 (AGPAT4) during murine embryogenesis and in embryo-derived cultured primary neurons and glia." Data in Brief (2015). Other ;="Mouse". 26759825