

**bs-19898R****[ Primary Antibody ]****PATL2 Rabbit pAb****BioSS**  
**ANTIBODIES**

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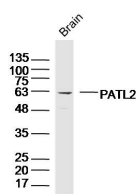
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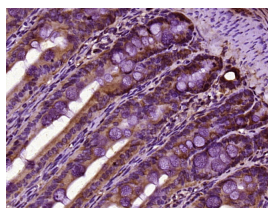
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 197135 <b>Target:</b> PATL2 <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human PATL2: 301-400/543. <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> 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.	<b>Isotype:</b> IgG <b>SWISS:</b> C9JE40	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>Reactivity:</b> Mouse, Rat (predicted: Human, Rabbit, Dog, Horse) <b>Predicted MW.:</b> 61 kDa <b>Subcellular Location:</b> Cytoplasm ,Nucleus
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**— VALIDATION IMAGES —**

Sample: Brain (Mouse) Lysate at 40 ug Primary:  
 Anti- PATL2 (bs-19898R) at 1/300 dilution  
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at  
 1/20000 dilution Predicted band size: 61 kD  
 Observed band size: 61 kD



Paraformaldehyde-fixed, paraffin embedded (rat intestine tissue); 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 (PATL2) Polyclonal Antibody, Unconjugated (bs-19898R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=6.1]** Zhang Yin-Li. et al. PATL2 mutations affect human oocyte maternal mRNA homeostasis and protein interactions in cell cycle regulation. CELL BIOSCI. 2024 Dec;14(1):1-22 IF ;Mouse. 39741299
- **[IF=2.9]** Tan Jun. et al. Reduced PATL2 Impairs the Proliferation of Ovarian Granulosa Cells by Decreasing ADM2 Expression in Patients with PCOS. REPROD SCI. 2023 Dec;;1-11 IHC ;Rat. 38087182