

**bs-19605R****[ Primary Antibody ]****SDPR Rabbit pAb****BioSS**  
**ANTIBODIES**

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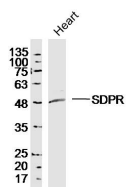
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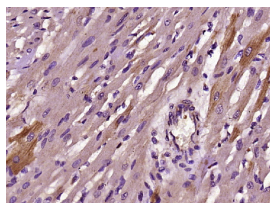
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 8436 <b>Target:</b> SDPR <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human SDPR: 231-330/425. <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>Background:</b> This gene encodes a calcium-independent phospholipid-binding protein whose expression increases in serum-starved cells. This protein is a substrate for protein kinase C (PKC) phosphorylation and recruits polymerase I and transcript release factor (PTRF) to caveolae. Removal of this protein causes caveolae loss and its over-expression results in caveolae deformation and membrane tubulation.[provided by RefSeq, Sep 2009]	<b>Isotype:</b> IgG <b>SWISS:</b> O95810	<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, Cow)  <b>Predicted MW.:</b> 47 kDa <b>Subcellular Location:</b> Cytoplasm
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**— VALIDATION IMAGES —**

Protein: heart(mouse) lysate at 40ug; Primary: rabbit Anti-SDPR (bs-19605R) at 1:300;  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 47 kD  
Observed band size: 47 kD



Paraformaldehyde-fixed, paraffin embedded (Rat heart); 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 (SDPR) Polyclonal Antibody, Unconjugated (bs-19605R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=5.1]** Dai Peng. et al. High Dose of Estrogen Protects the Lungs from Ischemia–Reperfusion Injury by Downregulating the Angiotensin II Signaling Pathway. INFLAMMATION. 2024 Feb;;1-14 WB,IF ;Mouse. 38386131