

**bs-13072R****[ Primary Antibody ]****Phospho-eNOS (Ser117) Rabbit pAb****BioSS**  
**ANTIBODIES**

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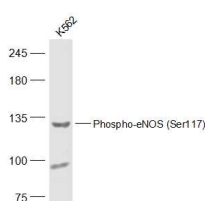
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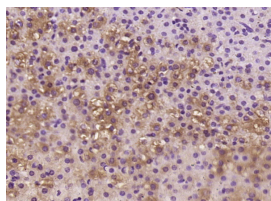
400-901-9800

**— DATASHEET —**

<p><b>Host:</b> Rabbit</p> <p><b>Clonality:</b> Polyclonal</p> <p><b>GeneID:</b> 18127</p> <p><b>Target:</b> Phospho-eNOS (Ser117)</p> <p><b>Immunogen:</b> KLH conjugated Synthesised phosphopeptide derived from mouse eNOS around the phosphorylation site of Ser117: RP(p-T)QG.</p> <p><b>Purification:</b> affinity purified by Protein A</p> <p><b>Concentration:</b> 1mg/ml</p> <p><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.</p> <p><b>Background:</b> Nitric oxide synthase NOS oxidizes a guanidine nitrogen of arginine releasing nitric oxide in the form of a free radical and citrulline. Nitric oxide thus generated acts as a messenger in diverse functions including vasodilation neurotransmission, anti tumor and anti pathogenic activities. NOS is classified under three types: neuronal NOS (nNOS) or brain NOS (bNOS); inducible NOS (iNOS) or macrophage NOS (mNOS); and endothelial NOS (eNOS).</p>	<p><b>Isotype:</b> IgG</p> <p><b>SWISS:</b> P70313</p> <p><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)</p> <p><b>Reactivity:</b> Human, Sheep (predicted: Pig, Cow)</p> <p><b>Predicted MW.:</b> 133 kDa</p> <p><b>Subcellular Location:</b> Cell membrane ,Cytoplasm</p>
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**— VALIDATION IMAGES —**

Sample: K562(Human) Cell Lysate at 40 ug  
 Primary: Anti-Phospho-eNOS (Ser117)  
 (bs-13072R) at 1/300 dilution Secondary:  
 IRDye800CW Goat Anti-Rabbit IgG at 1/20000  
 dilution Predicted band size: 133 kD Observed  
 band size: 133 kD



Paraformaldehyde-fixed, paraffin embedded  
 (sheep liver); 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 (eNOS (Ser117)) Polyclonal  
 Antibody, Unconjugated (bs-13072R) at 1:400  
 overnight at 4°C, followed by operating  
 according to SP Kit(Rabbit) (sp-0023)  
 instructions and DAB staining.