

## Phospho-eNOS (Ser117) Rabbit pAb

Catalog Number: bs-13072R

Target Protein: Phospho-eNOS (Ser117)

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

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

Reactivity: Human, Sheep (predicted:Pig, Cow)

Predicted MW: 133 kDa

Entrez Gene: 18127

Swiss Prot: P70313

Source: KLH conjugated Synthesised phosphopeptide derived from mouse eNOS around the phosphorylation site of Ser117: RP(p-T)QG.

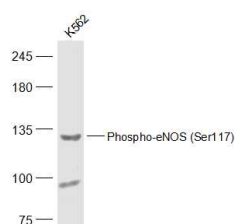
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

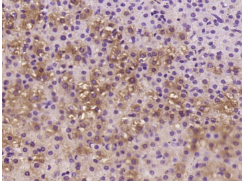
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** 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).

### 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.