

bs-20609R**[Primary Antibody]****eNOS Rabbit pAb****Bioss**
ANTIBODIES

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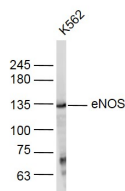
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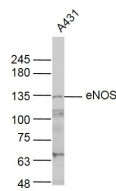
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DATASHEET

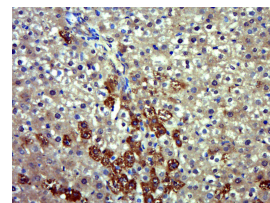
Host: Rabbit Clonality: Polyclonal GeneID: 4846 Target: eNOS Immunogen: KLH conjugated synthetic peptide derived from human eNos: 551-650/1203. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. 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).	Isotype: IgG SWISS: P29474	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Rat (predicted: Mouse, Rabbit, Pig, Cow, Dog, GuineaPig) Predicted MW.: 133 kDa Subcellular Location: Cell membrane ,Cytoplasm
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VALIDATION IMAGES

Sample: K562Cell (Human) Lysate at 30 ug
Primary: Anti-eNOS (bs-20609R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 133 kD
Observed band size: 133 kD



Sample: A431 Cell (Human) Lysate at 30 ug
Primary: Anti-eNOS (bs-20609R) 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 (Rat 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) Polyclonal Antibody, Unconjugated (bs-20609R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

SELECTED CITATIONS

- **[IF=10]** Yinggang Wang. et al. 3d Elastomeric Stent Functionalized with Antioxidative And Perivascular Tissue Regenerative Activities Ameliorated Pvt Deprivation-Induced Vein Graft Failure. ADV HEALTHC MATER. 2023 Jul;;2301247 IHC ;Rabbit. 37440681
- **[IF=8.7]** Tzu-Hsiang Lin. et al. A bioactive composite scaffold enhances osteochondral repair by using thermosensitive chitosan hydrogel and endothelial lineage cell-derived chondrogenic cell. MATER TODAY BIO. 2024 Oct;;28:101174 IF ;Rabbit. 39211289
- **[IF=6.529]** Junling Liu. et al. Effect of hirudin on arterialized venous flap survival in rabbits. Biomed Pharmacother. 2021 Oct;;142:111981 IHC ;Rabbit. 34364044

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

- **[IF=4.8]** Xiao-Li Li. et al. Wenjing Decoction: Mechanism in the Treatment of Dysmenorrhea with Blood Stasis Syndrome through Network Pharmacology and Experimental Verification. J ETHNOPHARMACOL. 2024 Sep;;118818 WB ;Rat. 39270884
- **[IF=3.8]** Demirel Mürşide Ayşe. et al. Impact of high-fructose diet and metformin on histomorphological and molecular parameters of reproductive organs and vaginal microbiota of female rat. SCI REP-UK. 2024 Nov;14(1):1-21 WB ;Rat. 39523383