

bs-20608R**[Primary Antibody]****eNOS Rabbit pAb****BioSS**
ANTIBODIES

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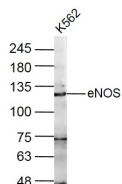
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 4846 Target: eNOS Immunogen: KLH conjugated synthetic peptide derived from human eNos: 851-950/1203. 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) Reactivity: Human, Rat (predicted: Mouse, Rabbit, Pig, Sheep, Cow) 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-20608R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 133 kD
Observed band size: 133 kD

— SELECTED CITATIONS —

- **[IF=6.6]** Lingchao Kong. et al. Tibial cortex transverse transport regulates Orai1/STIM1-mediated NO release and improve the migration and proliferation of vessels via increasing osteopontin expression. J ORTHOP TRANSL. 2024 Mar;45:107 WB ;Human,Rat. 38524870
- **[IF=4.932]** Yi Ren. et al. Pravastatin attenuates sepsis-induced acute lung injury through decreasing pulmonary microvascular permeability via inhibition of Cav-1/eNOS pathway. Int Immunopharmacol. 2021 Nov;100:108077 WB ;Mouse. 34464887
- **[IF=5.195]** Fang Cao. et al. Ginkgo biloba L. extract prevents steroid-induced necrosis of the femoral head by rescuing apoptosis and dysfunction in vascular endothelial cells via the PI3K/AKT/eNOS pathway. J ETHNOPHARMACOL. 2022 Jun;;115476 WB ;Mouse. 35724747
- **[IF=5.011]** Luya Pu. et al. TXNRD1 knockdown inhibits the proliferation of endothelial cells subjected to oscillatory shear stress via activation of the endothelial nitric oxide synthase/apoptosis pathway. BBA-MOL CELL RES. 2023 Apr;1870:119436 WB ;Human. 36754152

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

- **[IF=2.775]** Shangren Wang, et al. A study of diabetes-induced erectile dysfunction treated with human umbilical cord mesenchymal stem cells. ANDROLOGIA. 2022 Apr 12 WB ;Rat. 35415927