

eNOS Rabbit pAb

Catalog Number: bs-20608R

Target Protein: eNOS

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human, Rat (predicted: Mouse, Rabbit, Pig, Sheep, Cow)

Predicted MW: 133 kDa

Entrez Gene: 4846

Swiss Prot: P29474

Source: KLH conjugated synthetic peptide derived from human eNOS: 851-950/1203.

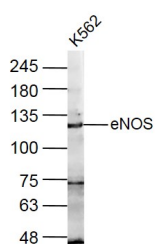
Purification: affinity purified by Protein A

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: 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

PRODUCT SPECIFIC PUBLICATIONS

[IF=6.6] Lingchao Kong. et al. Tibial cortex transverse transport regulates Orai1/STIM1-mediated NO release and improve the migration

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

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

[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