bs-13074R **[Primary Antibody]**

Phospho-eNOS (Ser632) Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 18127 **SWISS:** P70313

Target: Phospho-eNOS (Ser632)

Immunogen: KLH conjugated Synthesised phosphopeptide derived from mouse eNOS around the phosphorylation site of Ser632: KE(p-S)SN.

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).

Applications: **ELISA** (1:5000-10000)

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

Predicted MW.: 133 kDa

Subcellular Location: Cell membrane ,Cytoplasm

SELECTED CITATIONS

- **[IF=8.739]** Kentaro Hamada. et al. Loss of P2Y1 receptor triggers glaucoma-like pathology in mice. 2021 Jul 26 Other ;Mouse. 34309010
- **[IF=3.267]** Sujeong Jang. et al. β-Cyclodextrin Inhibits Monocytic Adhesion to Endothelial Cells through Nitric Oxide-Mediated Depletion of Cell Adhesion Molecules. Molecules. 2020 Jan;25(16):3575 WB ;Bovine. 32781622
- **[IF=1.813]** Fan Q et al. Phenylethanol Glycosides Protect Myocardial Hypertrophy Induced by Abdominal Aortic Constriction via ECE-1 Demethylation Inhibition and PI3K/PKB/eNOS Pathway Enhancement. Evid Based Complement Alternat Med. 2020 Jun 9;2020:2957094. WB ;Rat. 32595726
- **[IF=1.41]** Liu et al. Effects of ginsenoside Rb1 on oxidative stress injury in rat spinal cords by regulating the eNOS/Nrf2/HO-1 signaling pathway. (2018) Exp.Ther.Med. 16:1079-1086 IHC ;Rat. 30116359