

bs-3682R**[Primary Antibody]****BioSS**
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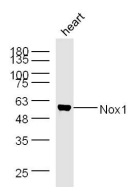
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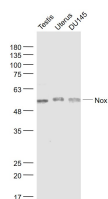
400-901-9800

Nox1 Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 27035 Target: Nox1 Immunogen: KLH conjugated synthetic peptide derived from human Nox1: 425-515/515. < Cytoplasmic > 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: The NOX family NADPH protein oxidases are involved in transfer of electrons accross membranes to generate reactive oxygen species. There are 7 family members - NOX1-5, DUOX1 and DUOX2. Expression of NOX1 is highest in colon tissue; it is also found in vascular tissue and can also been induced by a variety of factors including PDGF. It requires interaction with NOXO1 and NOXA1 for superoxide generation.	Isotype: IgG SWISS: Q9Y5S8	Applications: WB (1:500-2000) Reactivity: Human, Mouse (predicted: Rat, Rabbit, Cow, Dog, Horse) Predicted MW.: 62 kDa Subcellular Location: Cell membrane
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— VALIDATION IMAGES —

Sample: Heart (Mouse) Lysate at 40 ug Primary: Anti-Nox1 (bs-3682R) at 1/300 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 62 kD
 Observed band size: 62 kD



Sample: Testis (Mouse) Lysate at 40 ug Uterus (Mouse) Lysate at 40 ug DU145(Human) Cell Lysate at 30 ug Primary: Anti- Nox1 (bs-3682R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 62 kD Observed band size: 60 kD

— SELECTED CITATIONS —

- **[IF=9.038]** Xie C et al. Mechanism investigation on Bisphenol S-induced oxidative stress and inflammation in murine RAW264.7 cells: The role of NLRP3 inflammasome, TLR4, Nrf2 and MAPK. J Hazard Mater . 2020 Jul 15;394:122549. WB,IF ;mouse. 32283380
- **[IF=8.401]** Mr. Aleksandr Vendrov. et al. Renal NOXA1/NOX1 Signaling Regulates Epithelial Sodium Channel and Sodium Retention in Angiotensin II-induced Hypertension. 2021 Oct 29 IF,IHC ;Mouse. 34714114
- **[IF=6.1]** Yun, Yang, et al. "Sulfate Aerosols Promote Lung Cancer Metastasis by Epigenetically Regulating the Epithelial-to-Mesenchymal Transition (EMT)." Environmental Science & Technology (2017). WB ;Human. 28901751
- **[IF=5.243]** Peng Ding. et al. BMPER alleviates ischemic brain injury by protecting neurons and inhibiting neuroinflammation via Smad3-Akt-Nrf2 pathway. 2021 Dec 14 WB ;Mouse. 34904361
- **[IF=4.96]** Xue-Qi Liuet al. Rutaecarpine Derivative Cpd-6c Alleviates Acute Kidney Injury by Targeting PDE4B, a Key Enzyme Mediating inflammation in Cisplatin Nephropathy. Biochem Pharmacol . 2020 Oct;180:114132. WB ;. 32622666

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