### bs-3682R

## [ Primary Antibody ]

# Nox1 Rabbit pAb



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- DATASHEET		400-901-9800
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human, Mouse
GenelD: 27035	SWISS: Q9Y5S8	(predicted: Rat, Rabbit,
Target: Nox1		Cow, Dog, Horse)
Immunogen: KLH conjugated synthetic peptide derived from human Nox1: 425-515/515. < Cytoplasmic >		Predicted 62 kDa
Purification: affinity purified by	Protein A	Subcollular
Concentration: 1mg/ml		Location: Cell membrane
<b>Storage:</b> 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.		
<b>Background:</b> The NOX family NA electrons accross r There are 7 family Expression of NOX vascular tissue and including PDGF. It superoxide genera	DPH protein oxidases are involved in trans nembranes to generate reactive oxygen sp members - NOX1-5, DUOX1 and DUOX2. 1 is highest in colon tissue; it is also found i d can also been induced by a variety of fact requires interaction with NOXO1 and NOXA tion.	sfer of becies. in cors Al for

#### 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 -

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- [IF=6.1] Yun, Yang, et al. "Sulfate Aerosols Promote Lung Cancer Metastasis by Epigenetically Regulating the Epithelialto-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
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