

bs-1074R**[Primary Antibody]****Nrf2 Rabbit pAb****Bioss**
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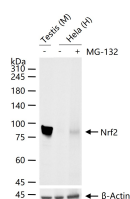
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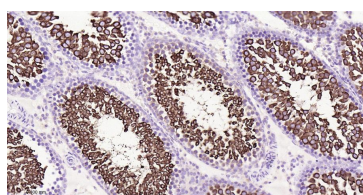
400-901-9800

DATASHEET**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 4780**SWISS:** Q16236**Target:** Nrf2**Immunogen:** KLH conjugated synthetic peptide derived from human Nrf2: 401-500/605.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

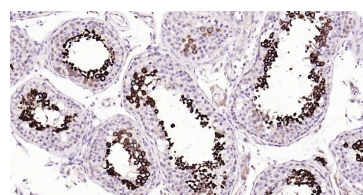
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Background: Nuclear factor erythroid 2-related factor 2 (Nrf2) is a transcription factor which regulates the expression of many detoxification and antioxidant enzymes. Nrf2 can potentially play a significant role in adaptive responses to oxidative stress. Nrf2 belongs to the Cap N Collar (CNC-bZIP) subfamily of basic /leucine zipper (bZIP) transcription factors.**Applications:** **WB** (1:1000-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
Flow-Cyt (1µg/Test)
ICC/IF (1:50-200)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 68 kDa**Subcellular Location:** Cytoplasm ,Nucleus**VALIDATION IMAGES**

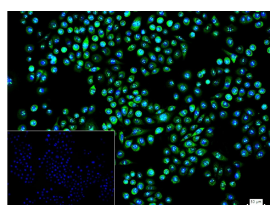
HeLa (H) cells were treated with or without MG-132 (10 µM) for 10h, 25 µg total protein per lane of cell lysates (see on figure) probed with Nrf2 monoclonal antibody, unconjugated (bsm-61093R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



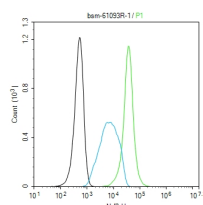
Paraformaldehyde-fixed, paraffin embedded Rat Testis; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Nrf2 Polyclonal Antibody, Unconjugated (bs-1074R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Testis; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Nrf2 Polyclonal Antibody, Unconjugated (bs-1074R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.



4% Paraformaldehyde-fixed HeLa (treated with MG-132 (10 µM, 10h)) (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (Nrf2) polyclonal Antibody, unconjugated (bs-1074R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-60295G-BF488) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.



The HeLa (treated with MG-132 (10 µM, 10h)) (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r.t.). Primary Antibody (green): Rabbit Anti-Nrf2 antibody (bs-1074R): 1 µg/10⁶ cells; Secondary Antibody (white blue): Goat anti-Rabbit IgG-BF488 (bs-60295G-BF488): 1 µg/test. Blank control (black): PBS. Acquisition of 20,000 events

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was performed.

— SELECTED CITATIONS —

- **[IF=10.183]** Jae Yeon Kim. et al. Increased PRL-1 in bone marrow-derived mesenchymal stem cells triggers anaerobic metabolism via mitochondria in a cholestatic rat model. MOL THER-NUCL ACIDS. 2023 Feb 04 WB ;Rat. 36865088
- **[IF=10.2]** Wen E. et al. The mitochondria-targeted Kaempferol nanoparticle ameliorates severe acute pancreatitis. J NANOBIOTECHNOL. 2024 Dec;22(1):1-15 WB ;Mouse. 38570776
- **[IF=9.6]** Hao Zhang. et al. An injectable and adaptable system for the sustained release of hydrogen sulfide for targeted diabetic wound therapy by improving the microenvironment of inflammation regulation and angiogenesis. ACTA BIOMATER. 2025 Feb;; IF ;Human. 39993519
- **[IF=8.724]** Jianmei Li. et al. Mn-containing bioceramics inhibit osteoclastogenesis and promote osteoporotic bone regeneration via scavenging ROS. Bioact Mater. 2021 Nov;6:3839 IF ;Rat. 33898880
- **[IF=8.5]** Yuanlin Li. et al. Structure characterization of a Bletilla striata homogeneous polysaccharide and its effects on reducing oxidative stress and promoting wound healing in diabetic rats. INT J BIOL MACROMOL. 2025 Mar;;141904 WB ;Rat. 40064269