

bs-4564R**[Primary Antibody]****Bioss**
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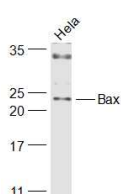
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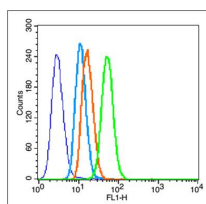
400-901-9800

Bax Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 581 Target: Bax Immunogen: KLH conjugated synthetic peptide derived from human Bax: 151-190/190. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein forms a heterodimer with BCL2, and functions as an apoptotic activator. This protein is reported to interact with, and increase the opening of, the mitochondrial voltage-dependent anion channel (VDAC), which leads to the loss in membrane potential and the release of cytochrome c. The expression of this gene is regulated by the tumor suppressor P53 and has been shown to be involved in P53-mediated apoptosis. Multiple alternatively spliced transcript variants, which encode different isoforms, have been reported for this gene. [provided by RefSeq, Jul 2008].	Isotype: IgG SWISS: Q07812 Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Flow-Cyt (1µg /test) ICC/IF (1:100) Reactivity: Human, Mouse, Rat, Rabbit (predicted: Pig, Sheep, Cow, Dog) Predicted MW.: 21 kDa Subcellular Location: Cell membrane ,Cytoplasm
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— VALIDATION IMAGES —

Sample: HeLa(Human) Cell Lysate at 30 ug
 Primary: Anti-Bax (bs-4564R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 21 kD
 Observed band size: 23 kD



Blank control (blue line): HeLa (fixed with 80% methanol (5 min at -20°C) and then permeabilized with 0.1% PBS-Tween for 20 min at room temperature). Primary Antibody (green line): Rabbit Anti- Bax antibody (bs-4564R), Dilution: 1µg /10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody (white blue line): Goat anti-rabbit IgG-FITC, Dilution: 1µg /test.

— SELECTED CITATIONS —

- **[IF=6.7]** Fuqiang Li. et al. 20(S)-Ginsenoside Rg3 suppresses gastric cancer cell proliferation by inhibiting E2F-DP dimerization. PHYTOMEDICINE. 2025 Apr;:156740 WB ;Human. 40252583
- **[IF=6.384]** Xiaowei Qin. et al. Neddylation inactivation affects cell cycle and apoptosis in sheep follicular granulosa cells. J CELL PHYSIOL. 2022 May 16 WB ;Sheep. 35578798
- **[IF=6.354]** Hao, Yanan. et al. Gut microbiota-testis axis: FMT improves systemic and testicular micro-environment to

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- increase semen quality in type 1 diabetes. MOL MED. 2022 Dec;28(1):1-17 IF ;Mouse. 35468731
- **[IF=6.354]** Hao, Yanan. et al. Gut microbiota-testis axis: FMT improves systemic and testicular micro-environment to increase semen quality in type 1 diabetes. MOL MED. 2022 Dec;28(1):1-17 IF ;Mouse. 35468731
 - **[IF=4.5]** Dong-Dong Wang. et al. Identification of diterpenoids from *Salvia castanea* Diels f. *tomentosa* Stib and their antitumor activities. BIOORG CHEM. 2024 Aug;:107701 WB ;Human. 39154520