

bs-3010R**[Primary Antibody]****phospho-Bax (Ser184) Rabbit pAb****Bioss**
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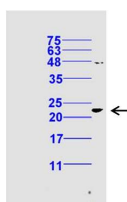
sales@bioss.com.cn

techsupport@bioss.com.cn

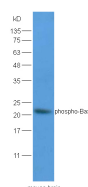
400-901-9800

— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 581**SWISS:** Q07812**Target:** Bax (Ser184)**Immunogen:** KLH conjugated Synthesised phosphopeptide derived from human Bax around the phosphorylation site of Ser184: TA(p-S)LT.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

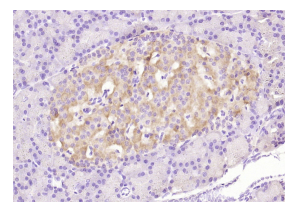
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The 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].**Applications:** **WB** (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Flow-Cyt** (3µg /test)**ELISA** (1:5000-10000)**Reactivity:** Human, Mouse, Rat, Rabbit
(predicted: Pig, Sheep, Cow, Dog)**Predicted MW.:** 21 kDa**Subcellular Location:** Cell membrane ,Cytoplasm**— VALIDATION IMAGES —**

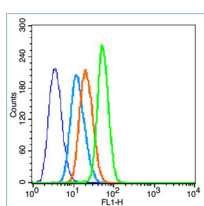
Sample: Testis (Mouse) Tissue Lysate at 30 ug
 Primary: Anti-phospho-Bax (Ser184)
 (bs-3010R) at 1/300 dilution Secondary:
 IRDye800CW Goat Anti-Rabbit IgG at 1/20000
 dilution Predicted band size: 21 kD Observed
 band size: 22 kD



Sample: Brain (Mouse) lysate at 30ug; Primary:
 Anti-phospho-Bax (Ser184) (bs-3010R) at 1:200
 dilution; Secondary: HRP conjugated Goat Anti-
 Rabbit IgG (bs-0295G-HRP) at 1: 5000 dilution;
 Predicted band size : 21kD Observed band size :
 21kD



Paraformaldehyde-fixed, paraffin embedded (rat pancreas); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (phospho-Bax (Ser184)) Polyclonal Antibody, Unconjugated (bs-3010R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Blank control (blue line): HL60 (fixed with 2%)

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

paraformaldehyde (10 min) and then permeabilized with 0.1% PBS-Tween for 20 min at room temperature). Primary Antibody (green line): Rabbit Anti-phospho-Bax (Ser184) antibody (bs-3010R), Dilution: 3µg /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=5.52]** Park, Ga Bin, et al. "Melphalan-Induced Apoptosis of EBV-Transformed B Cells through Upregulation of TAp73 and XAF1 and Nuclear Import of XPA." The Journal of Immunology (2013): 1203442. WB ;="Human". 24249729
- **[IF=3.568]** Kyung Hye Lee. et al. Role of ATP5G3 in sodium nitroprusside-induced cell death in cervical carcinoma cells. J BIOCHEM MOL TOXIC. 2022 Dec;;e23267 WB ;Human. 36524533
- **[IF=3.02]** Park, Gabin, et al. "Berberine induces mitochondrial apoptosis of EBV-transformed B cells through p53-mediated regulation of XAF1 and GADD45α." International Journal of Oncology. WB ;="". 27121748
- **[IF=3.23]** Daverey, Amita, and Sandeep K. Agrawal. "Curcumin alleviates oxidative stress and mitochondrial dysfunction in astrocytes." Neuroscience 333 (2016): 92-103. WB ;="Human". 27423629
- **[IF=2.39]** Gao, Xiu-Fang, et al. "Urocortin-2 suppression of p38-MAPK signaling as an additional mechanism for ischemic cardioprotection." Molecular and Cellular Biochemistry: 1-12. WB ;="Rat". 25245818