
Bax Rabbit pAb

Catalog Number: bs-0127R

Target Protein: Bax

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

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

Entrez Gene: 581

Swiss Prot: Q07812

Source: KLH conjugated synthetic peptide derived from human Bax: 84-175/192.

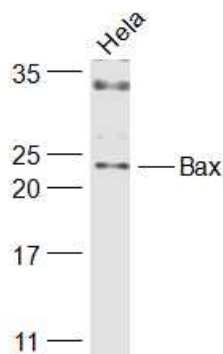
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

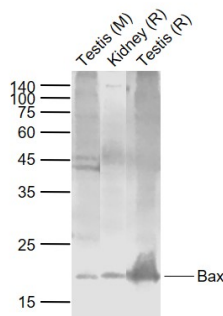
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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].

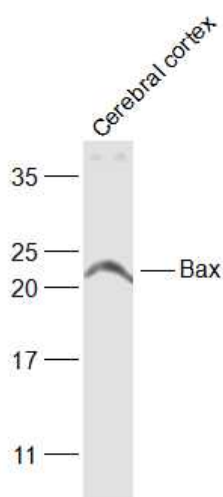
VALIDATION IMAGES



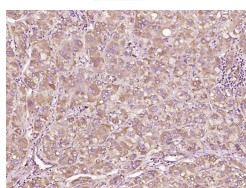
Sample: HeLa(Human) Cell Lysate at 30 ug Primary: Anti-Bax (bs-0127R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 21 kD Observed band size: 23 kD



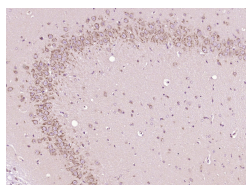
Sample: Lane 1: Testis (Mouse) Lysate at 40 ug Lane 2: Kidney (Rat) Lysate at 40 ug Lane 3: Testis (Rat) Lysate at 40 ug Primary: Anti-Bax (bs-0127R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 21 kD Observed band size: 21 kD



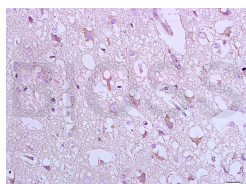
Sample: Cerebral cortex (Rat) Lysate at 40 ug Primary: Anti-Bax (bs-0127R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 21 kD Observed band size: 21 kD



Paraformaldehyde-fixed, paraffin embedded (Human liver carcinoma); 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 (Bax) Polyclonal Antibody, Unconjugated (bs-0127R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat brain); 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 (Bax) Polyclonal Antibody, Unconjugated (bs-0127R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-Bax Polyclonal Antibody, Unconjugated(bs-0127R) 1:800, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

PRODUCT SPECIFIC PUBLICATIONS

[IF=10.75] Tian Xiangdong. et al. Autophagy Inhibition Contributes to Apoptosis of PLK4 Downregulation-induced Dormant Cells in Colorectal Cancer. INT J BIOL SCI. 2023 May;19(9):2817-2834 WB ; Human . 37324947

[IF=10] Liu-Gen Li. et al. A Dihydroartemisinin-Loaded Nanoreactor Motivates Anti-Cancer Immunotherapy by Synergy-Induced Ferroptosis to Activate Cgas/STING for Reprogramming of Macrophage. ADV HEALTHC MATER. 2023 Aug;;2301561 WB,IF ; Mouse . 37567571

[IF=8.724] Yonggang Lv. et al. Three-dimensional decellularized tumor extracellular matrices with different stiffness as bioengineered tumor scaffolds. Bioact Mater. 2021 Sep;6:2767 WB ; Human . 33665508

[IF=6.854] Goreczny,et al.Hic-5 regulates fibrillar adhesion formation to control tumor extracellular matrix remodeling through interaction with tensin1.(2018) Oncogene. 37:1699-1713. ICC ; Human . 29348458

[IF=6.639] Amelia J. Hessheimer. et al. Somatostatin Therapy Improves Stellate Cell Activation and Early Fibrogenesis in a Preclinical Model of Extended Major Hepatectomy. Cancers. 2021 Jan;13(16):3989 IF ; Pig . 34439143