

## Bax polyclonal antibody

Catalog: BS6420

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

The Bcl-2 gene was isolated at the chromosomal breakpoint of t-bearing follicular B cell lymphomas. Bcl-2 blocks cell death following a variety of stimuli and confers a death-sparing effect to certain hematopoietic cell lines following growth factor withdrawal. Bcl-2 is localized to outer mitochondrial membranes and endoplasmic reticulum as well as nuclear membranes. A related protein, designated Bax p21 (for Bcl-associated X protein), has extensive amino acid homology with Bcl-2 and both homodimerizes and forms heterodimers with Bcl-2. Overexpression of Bax accelerates apoptotic death induced by cytokine deprivation in an IL-3 dependent cell line, and Bax also counters the death repressor activity of Bcl-2.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 20 kDa

### Swiss-Prot:

Q07812

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB 1:500 - 1:1000 IHC 1:50 - 1:200

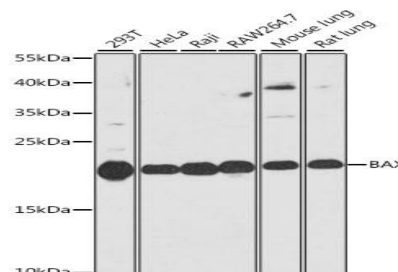
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Bax polyclonal antibody detects endogenous levels of Bax protein.

### DATA:

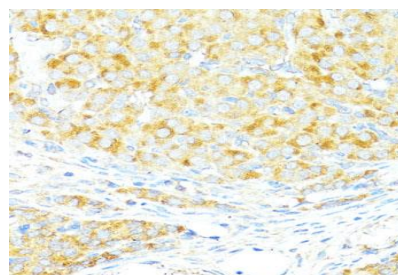


Western blot analysis of extracts of various cell lines, using BAX antibody at 1:1000 dilution.

Lysates/proteins: 40ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Exposure time: 90s.

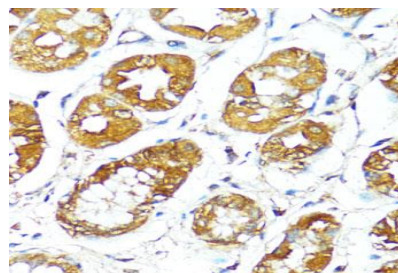


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Blocking buffer: 3% nonfat dry milk in TBST.

Exposure time: 90s.



Immunohistochemistry of paraffin-embedded mouse testis using BAX antibody at dilution of 1:100 (40x lens).

### Bioworld Technology, Inc.

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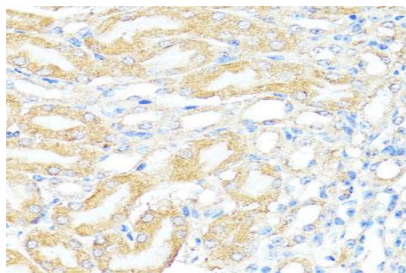
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## PRODUCT DATA SHEET

Bioworld Technology, Inc.



Immunoprecipitation - [KO Validated] Bax Rabbit pAb

### Note:

For research use only, not for use in diagnostic procedure.

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