

# Bcl-x Polyclonal Antibody

**CATALOG #:** 3041-100

**AMOUNT:** 100 µg

**LOT #:** \_\_\_\_\_

**HOST:** Rabbit

**IMMUNOGEN:** Synthetic peptide surrounding amino acid 52 of human Bcl-x.

## FORMULATION:

100 µg (0.2 mg/ml) peptide affinity purified rabbit anti-Bcl-x polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA, 0.02% sodium azide.

**SPECIES REACTIVITY:** human, mouse

## STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

## BACKGROUND DESCRIPTION:

Bcl-x is a member of the Bcl-2 family of proteins. Bcl-x can function independent of Bcl-2 in regulating apoptosis. The bcl-x transcript is found in a number of tissues, with the highest levels in the lymphoid and central nervous systems. Two distinct cDNA species, bcl-x<sub>L</sub> and Bcl-x<sub>s</sub>, arise from alternative 5' splice sites within the first coding exon of the bcl-x gene. Bcl-x<sub>L</sub> inhibits cell death following growth factor withdrawal in an IL-3-dependent cell line. However, Bcl-x<sub>s</sub> inhibits Bcl-2 mediated cell survival.

## SPECIFICITY:

The immunoaffinity-purified antibody detects 26 kDa human and mouse Bcl-x.

## APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (1-2 µg/ml) and immunoprecipitation (10-15 µg/ml). However, the optimal conditions should be determined individually.

**NOTE:** For Research Use Only! Not to be used in human.

## RELATED PRODUCTS:

### Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

### Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

### Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

### Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

### Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

### Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

### Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

### Growth Factors and Cytokines

### Monoclonal and Polyclonal Antibodies