

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_L and Bcl-x_s, arise from alternative 5' splice sites within the first coding exon of the bcl-x gene. Bcl-x_L inhibits cell death following growth factor withdrawal in an IL-3-dependent cell line. However, Bcl-x_s 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