

Bcl-B Polyclonal Antibody

CATALOG NO: 3695-30T 30 µg (Trial size)
3695-100 100 µg

HOST: Rabbit

IMMUNOGEN: Synthetic peptide surrounding amino acid 10 of human Bcl-B (ID# BV-136).

SPECIES REACTIVITY: Human, Rat

FORMULATION:

0.5 mg/ml Protein A affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

STORAGE CONDITIONS:

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

DESCRIPTION:

Bcl-B (also called Bcl2-L-10) is a novel anti-apoptotic member of the Bcl-2 family. Bcl-B is closest in amino acid sequence homology to Boo protein. It contains four Bcl-2 homologs. Bcl-B mRNA is widely expressed in adult human tissues. The Bcl-B protein binds to Bcl-2, Bcl-X(L), and Bax but not Bak. Bcl-B suppresses apoptosis induced by Bax, but not by Bak.

SPECIFICITY:

The antibody recognizes 21 kDa Bcl-B from samples of human and rat origins. Reactivity to other species has not been tested.

APPLICATION:

The antibody can be used for Western blotting (0.5-4 µg/ml). However, the optimal concentrations should be determined individually. Jurkat cell lysate (Cat.# 2401-100) and rat kidney tissue lysate (Cat.# 2702-100) can be used as positive controls. Blocking peptide (Cat.# 3695BP-50) is also available separately.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

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- 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

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

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- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

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

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- CETP Activity Assay & Drug Discovery Kits
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- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

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Monoclonal and Polyclonal Antibodies