

Bid Polyclonal Antibody

CATALOG #: 3042-100
AMOUNT: 100 µg
LOT #: _____
HOST: Goat
IMMUNOGEN: E. coli expressed recombinant mouse BID.

FORMULATION:

100 µg (0.2 mg/ml) antigen affinity-purified goat anti-Bid 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:

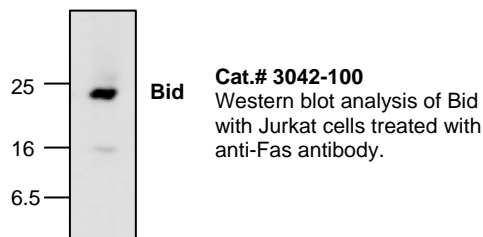
Bid, a BH3 domain-containing proapoptotic Bcl-2 family member, is known to interact with Bcl-2 and Bax. It has been reported that Bid induces cytochrome c release from mitochondria in response to caspase-8 and activation of cell surface death receptors. The cytochrome c releasing activity of Bid was antagonized by Bcl-2. Mutation in the SH3 domain can diminish the cytochrome c releasing activity. In the animal model studies, Bid-deficient mice are found resistant to the lethal effects of death factor signals relayed through Fas.

SPECIFICITY:

The immunoaffinity purified goat anti-Bid antibody mainly detects 22 kDa full length and 15 kDa large fragment (weakly) of human and mouse Bid.

APPLICATION AND USAGE:

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



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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

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
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- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
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- 5 Minutes DNA Ligation Kit
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