



## BAK1 Polyclonal Antibody

<b>CATALOG #:</b>	3031-100
<b>AMOUNT:</b>	100 µg
<b>LOT #:</b>	_____
<b>IMMUNOGEN:</b>	Synthetic peptide mapping the N-terminus of human BAK1
<b>INTERNAL ID#:</b>	BV-K45G
<b>HOST:</b>	Rabbit
<b>SPECIES REACTIVITY:</b>	Human

### FORMULATION:

100 µg (0.5 mg/ml) peptide affinity purified rabbit anti-Bak polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.

### STORAGE CONDITIONS:

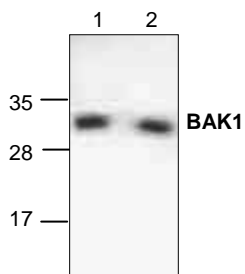
Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

### DESCRIPTION:

Bak is a homolog of apoptosis inhibitor Bcl-2. Bak is a member of the Bcl-2 family of proteins and contains Bcl-2 homology region (BH-) 1, 2 and 3. Unlike Bcl-2, Bak promotes cell death and counteracts the anti-apoptotic effect of Bcl-2. The immunoaffinity purified antibody detects a 30 kDa band, corresponding to the expected molecular weight of Bak on SDS-PAGE immunoblots.

### APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (1-4 µg/ml) and immunoprecipitation (5-20 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat.# 3031BP-50) is available separately.



**Cat.#:3031-100 BAK1 Antibody.**  
Western blot analysis of BAK1 using Jurkat cell lysate (Lane 1 & 2).

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

### RELATED PRODUCTS:

#### Apoptosis Detection Kits & Reagents

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

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- 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

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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
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- PLTP Activity Assay & Drug Discovery Kits
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- 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