

## BIK Polyclonal Antibody

<b>CATALOG NO:</b>	3703-30T	30 µg (Trial size)
	3703-100	100 µg
<b>HOST:</b>	Rabbit	
<b>IMMUNOGEN:</b>	Synthetic peptide mapping to N-terminus of human BIK (ID# BV-141)	
<b>SPECIES REACTIVITY:</b>	Human, Mouse, Rat	

### FORMULATION:

0.5 mg/ml Protein A affinity purified rabbit anti-BIK polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

### STORAGE CONDITIONS:

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

### BACKGROUND:

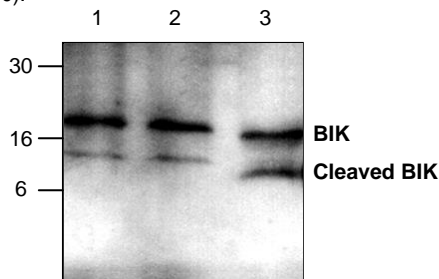
BIK is a member of Pro-apoptotic Bcl-2 family proteins. Although BIK lacks Bcl-2 homologous region, BH1 and BH2, BIK interacts with Bcl-2 and Bcl-xL. BIK has been shown to induce apoptosis by activating caspase-9.

### APPLICATION AND USAGE:

The antibody can be used for Western blotting (2-6 µg/ml). However, the optimal conditions should be determined individually. Jurkat cell lysate (Cat.# 2401-100), mouse small intestine (Cat.# 2601-100) and rat kidney (Cat.# 2702-100) can be used as positive controls.

### SPECIFICITY:

The antibody detects a ~17 kDa BIK in samples from human, mouse, and rat origins. A ~15 kDa cleavage fragment can also be detected. Blocking peptide is available separately (Cat.# 3703BP-50).



**Cat.# 3703-100**  
Western blot analysis of BIK expression in Jurkat (Lane 1), mouse intestine (Lane 2) and rat kidney (Lane 3) lysates.

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

### 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
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

#### Growth Factors and Cytokines

#### Monoclonal and Polyclonal Antibodies