

## BIN-1 Polyclonal Antibody

<b>CATALOG NO:</b>	3672-30T	30 µg (Trial size)
	3672-100	100 µg
<b>HOST:</b>	Rabbit	
<b>IMMUNOGEN:</b>	Synthetic peptide corresponding to residues surrounding amino acids 578 of mouse BIN-1 (ID# BV-145)	

### FORMULATION:

0.2mg/ml immunoaffinity purified rabbit anti-Bin-1 polyclonal antibody in phosphate-buffered saline (PBS) containing 0.1% BSA, 30% glycerol, and 0.01% thimerosal.

**SPECIES REACTIVITY:** Human, Mouse, Rat

### STORAGE CONDITIONS:

Store at 4°C for short term. For long term storage, aliquot and freeze at -20°C or -70°C. Avoid repeated freeze/thaw cycles.

### DESCRIPTION:

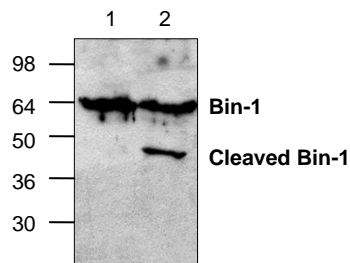
BIN-1 is a tumor suppressor protein that was identified in a genetic screen for proteins that interact with the MYC oncoprotein. BIN-1 inhibits the oncogenic activity of MYC, possibly through activating or facilitating apoptosis. BIN is a short-lived protein with a half-life of about 2 hours.

### SPECIFICITY:

The antibody recognizes ~65 kDa band in samples from human, mouse and rat origins. A cleavage fragment (~45 kDa) can also be detected in apoptotic samples. Reactivity to other species has not been tested.

### APPLICATION:

The antibody can be used for Western blotting (0.5-4.0 µg/ml). However, the optimal concentrations should be determined individually. Other applications have not been tested.



**Cat.# 3672-100**  
Western blot analysis of BIN-1 expression in Jurkat cells treated with (Lane 2) or without (Lane 1) camptothecin.

### 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 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 Fluorometric & Colorimetric Assay Kits
- 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

#### Antibodies & Recombinant Proteins (many)

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