BIN-1 Polyclonal Antibody

CATALOG NO: 3672-30T  30 µg (Trial size)  
3672-100  100 µg

HOST: Rabbit

IMMUNOGEN: 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 oncprotein. 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.

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

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 Apoptosis siRNA Vectors

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- Cytosol/Particulate Rapid Separation Kit
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- PLTP Activity Assay & Drug Discovery kits
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