

## Phospho-c-Jun (Ser73) Polyclonal Antibody

**CATALOG #:** 3502-100

**AMOUNT:** 100 µg

**LOT #:** \_\_\_\_\_

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

### FORMULATION:

100 µg (0.5 mg/ml) affinity-purified rabbit polyclonal phospho-c-Jun (Ser73) antibody in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA, 0.02% thimerosal.

### STORAGE CONDITIONS:

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

### BACKGROUND:

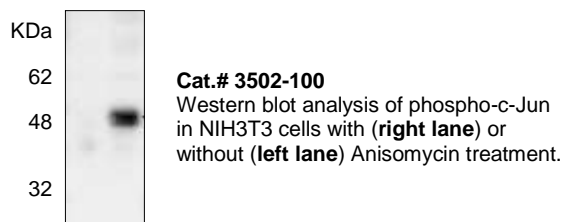
c-Jun is a component of the transcription factor AP-1 that binds and activates transcription at TRE/AP-1 elements. The transcriptional activity of c-Jun is regulated by phosphorylation at Ser63 and Ser73. Extracellular signals, such as growth factors and UV irradiation, stimulate phosphorylation of c-Jun at Ser63/73 and activate c-Jun dependent transcription. The MAP kinase homologue, SAPK/JNK, binds to the N-terminal region of c-Jun and phosphorylates c-Jun at Ser63/73.

### APPLICATIONS AND USAGE:

The antibody can be used for Western blot analysis (1 µg/ml) and immunohistochemistry (10-20 µg/ml). However, the optimal conditions should be determined individually.

### SPECIFICITY:

The Phospho-c-Jun (Ser73) antibody detects only activated c-Jun when phosphorylated at Ser73. It does not react with non-phosphorylated c-Jun.



### RELATED PRODUCTS:

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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

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- DNA Damage Quantification Kit
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#### Monoclonal and Polyclonal Antibodies