

Phospho-c-Jun (Ser73) Polyclonal Antibody

CATALOG #: 3502-100

AMOUNT: 100 µg

LOT #: _____

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/defrost 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.

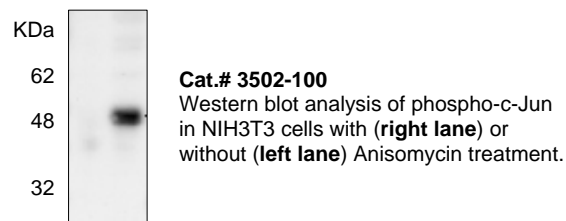
SPECIES REACTIVITY: human, mouse, rat

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.



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