c-Jun (Phospho-Ser73) Polyclonal Antibody

ORDERING INFORMATION

Catalog No.: 43003

Format: 100ul at 1.0mg/ml in PBS (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Affinity-purified on phosphopeptide; non-phosphopeptide-reactive antibodies were removed by chromatography on non-phosphorylated peptide.

BACKGROUND

c-Jun in combination with c-Fos forms the AP-1 early response transcription factor. It was first identified as the Fos-binding protein p39 and only later rediscovered as the product of the c-Jun gene. It is activated through double phosphorylation by the JNK pathway but has also a phosphorylation-independent function

SPECIFICATION SUMMARY

Antigen: Peptide sequence that includes phosphorylation site of serine 73 (L-A-S(p)-P-E) derived from human c-Jun and conjugated to KLH.

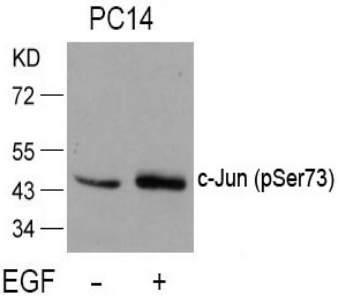
Accession no.: P05412, NP_002219.1

Host Species: Rabbit

Specificity: This antibody detects endogenous human, mouse, and rat c-Jun only when phosphorylated at serine 73.

APPLICATIONS

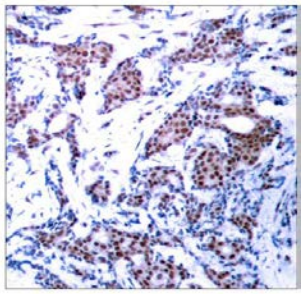
Western blotting: use at dilution of 1:500-1:1,000. A band of ~43kDa is detected.



Detection of c-Jun (phospho-Ser73)
in PC14 cell extracts untreated or treated with EGF.

These are recommended working dilutions. Enduser should determine optimal dilutions for their applications.

Immunohistochemistry: use at dilution of 1:50-1:100.



Detection of c-Jun (phospho-Ser73) in paraffin-embedded human breast carcinoma tissue.

DILUTION INSTRUCTIONS

Dilute in PBS or medium that is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Can be stored at 4°C for short-term.

For in vitro investigational use only. Not intended for therapeutic or diagnostic applications.

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