

c-Jun (Phospho-Ser243) Polyclonal Antibody

ORDERING INFORMATION

Catalog No.: 43025

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 243 (P-L-S(p)-P-I) derived from human c-Jun and conjugated to KLH.

Accession no.: P05412, NP_002219.1

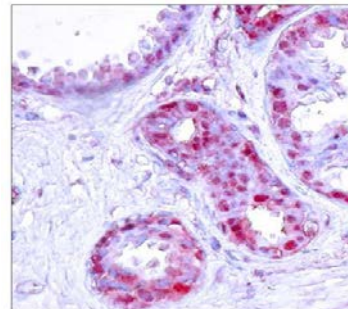
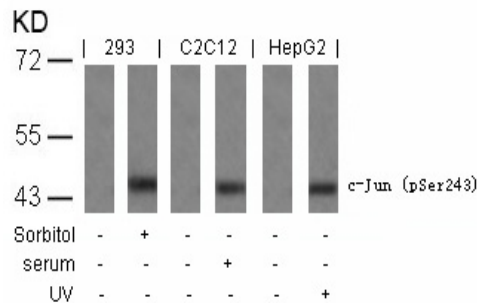
Host Species: Rabbit

Specificity: This antibody detects endogenous human, mouse, and rat c-Jun only when phosphorylated at serine 243.

APPLICATION

Immunoblotting: use at dilution of 1:500-1:1,000. **Immunohistochemistry:** use at dilution of 1:50-1:100.

A band of ~43kDa is detected.



Detection of c-Jun (phospho-Ser243) in extracts of sorbitol-treated 293 cells, serum-treated C2C12 cells, and UV-treated HepG2 cells or in untreated extracts.

Detection of c-Jun (phospho-Ser243) in paraffin-embedded human breast carcinoma tissue.

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

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 use.

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