For research purposes only, not for human use

Product Data Sheet

Anti-c-Jun (Phospho-T93) Antibody

Catalog #	Source	Reactivity	Applications
CPA3249	Rabbit	H, M, R, B, P, Rb, S	WB, IH, IP

Description	Rabbit polyclonal antibody to c-Jun (Phospho-T93)
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding T93 of human c-Jun protein. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of c-Jun protein only when phosphorylated at T93.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/1000), IH (1/100 - 1/200), IP (1/10 - 1/100)
Gene Symbol	JUN
Alternative Names	Transcription factor AP-1; Activator protein 1; AP1; Proto-oncogene c-Jun; V-jun avian sarcoma virus 17 oncogene homolog; p39
Entrez Gene	3725 (Human); 16476 (Mouse); 24516 (Rat)
SwissProt	P05412 (Human); P05627 (Mouse); P17325 (Rat)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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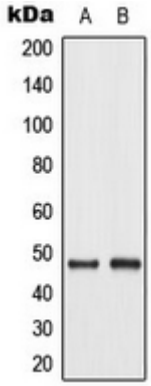
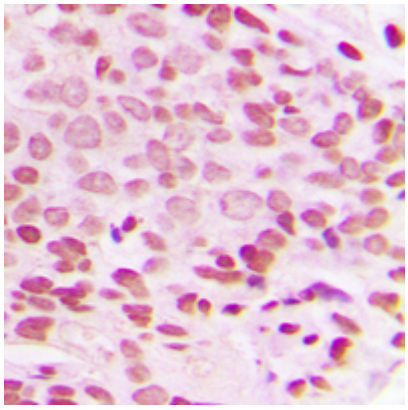


Western blot analysis of c-Jun (Phospho-T93) expression in A549 UV-treated (A), NIH3T3 UV-treated (B) whole cell lysates. (Predicted band size: 35 kD; Observed band size: 48 kD)



Immunohistochemical analysis of c-Jun (Phospho-T93) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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