For research purposes only, not for human use

Product Data Sheet

Anti-c-Jun Antibody

Catalog #	Source	Reactivity	Applications
CPA1637	Rabbit	H, M, R, B, P, Rb, S	WB, IH, IP

Description	Rabbit polyclonal antibody to c-Jun
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human c-Jun. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of c-Jun protein.
Clonality	Polyclonal
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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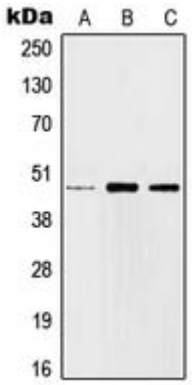
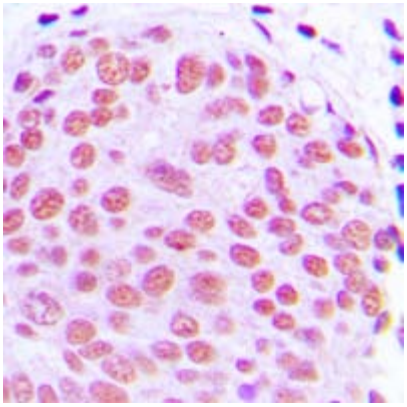


Western blot analysis of c-Jun expression in HEK293T (A), SP20 (B), H9C2 (C) whole cell lysates.



Immunohistochemical analysis of c-Jun 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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