

Rabbit c-Jun Polyclonal Antibody | anti-JUN antibody

Anti-c-Jun Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104264	Rabbit	Human, Mouse, Rat, Bovine, Chicken, Pig	Chromatin Immunoprecipitation, Immunoprecipitation, Flow Cytometry, Functional Assay, Immunoprecipitation, Immunohistochemistry, Western Blot

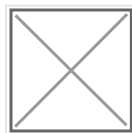
PRODUCT SYNONYMS

c-Jun; Polyclonal Antibody; Anti-c-Jun Antibody; Transcription factor AP-1; Activator protein 1; AP1; Proto-oncogene c-Jun; V-jun avian sarcoma virus 17 oncogene homolog; p39; anti-JUN antibody

PRODUCT SPECIFICATIONS

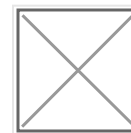
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Chicken, Pig
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of c-Jun protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	331
Applicable Applications for anti-JUN antibody	ChIP (Chromatin immunoprecipitation), FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human c-Jun. The exact sequence is proprietary.
Preparation and Storage	Ships on blue ice. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



ChIP (Chromatin Immunoprecipitation)

ChIP analysis of Human endothelial cells (EA.hy926), incubated for 10 hours at 4°C. Cross-linking (X-ChIP) using formaldehyde for 10 minutes. Positive control: Position 89340150-89340297 in chromosome 11 (has a validated c-Jun site). Negative Control: Igr5 intron 3 (contains no c-Jun binding site). Detection step: Real-time PCR.



IP (Immunoprecipitation)

Immunoprecipitation of c-Jun from 0.5mg HEK293T whole cell extract lysate, using 5ug of Anti-c-Jun Antibody and 50ul of protein G magnetic beads (+). No antibody was added to the control (-). The antibody was incubated under agitation with Protein G beads for 10min, HEK293T whole cell extract lysate diluted in RIPA buffer was added to each sample and incubated for a further 10min under agitation. Proteins were eluted by addition of 40ul SDS loading buffer and incubated for 10min at 70°C; 10ul of each sample was separated on a SDS PAGE gel, transferred to a nitrocellulose membrane, blocked with 5% BSA and probed with Anti-c-Jun Antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of Lamin A/C 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.



WB (Western Blot)

Western blot analysis of Lamin A/C expression in A431 (A), HeLa (B), NIH3T3 (C), PC12 (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-JUN antibody

Rabbit polyclonal antibody to c-Jun

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758616
NCBI GeneID	3725
NCBI Accession #	NP_002219.1
NCBI GenBank Nucleotide #	NM_002228.3
UniProt Accession #	P05412; Q6FHM7; Q96G93
NCBI Official Full Name	transcription factor AP-1
NCBI Official Synonym Full Names	jun proto-oncogene
NCBI Official Symbol	JUN
NCBI Official Synonym Symbols	AP1; AP-1; c-Jun
NCBI Protein Information	transcription factor AP-1; p39; jun oncogene; activator protein 1; proto-oncogene c-Jun; enhancer-binding protein AP1; Jun activation domain binding protein; v-jun sarcoma virus 17 oncogene homolog; v-jun avian sarcoma virus 17 oncogene homolog
UniProt Protein Name	Transcription factor AP-1
UniProt Gene Name	JUN
UniProt Synonym Gene Names	AP1
UniProt Entry Name	JUN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/c-jun-antibody-chromatin-immunoprecipitation-flow-cytometry-immunoprecipitation-immunohistochemistry-western-blot-elisa/104264>