

Rabbit JUN Polyclonal Antibody | anti-JUN antibody

JUN Antibody (Center T93)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286224	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Pig, Rat)	Immunofluorescence, ELISA, Western Blot

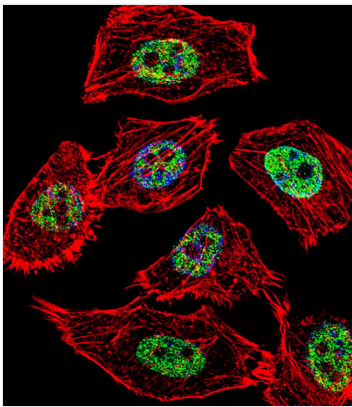
PRODUCT SYNONYMS

JUN; Polyclonal Antibody; JUN Antibody (Center T93); Transcription factor AP-1; Activator protein 1; AP1; Proto-oncogene c-Jun; V-jun avian sarcoma virus 17 oncogene homolog; p39; anti-JUN antibody

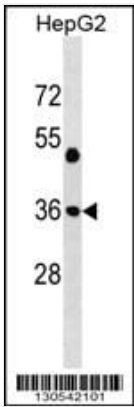
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This JUN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 72-98 amino acids from the Central region of human JUN.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	72-98
Sequence Length	331
Applicable Applications for anti-JUN antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
Fluorescent confocal image of U251 cell stained with JUN Antibody (Center T93). U251 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with JUN primary antibody (1:25, 1 h at 37 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree).Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree). Nuclei were counterstained with DAPI (blue) (10 ug/ml, 10 min). JUN immunoreactivity is localized to Nucleus significantly.



WB (Western Blot)
JUN Antibody (Center T93) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the JUN antibody detected the JUN protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-JUN antibody	This gene is the putative transforming gene of avian sarcoma virus 17. It encodes a protein which is highly similar to the viral protein, and which interacts directly with specific target DNA sequences to regulate gene expression. This gene is intronless and is mapped to 1p32-p31, a chromosomal region involved in both translocations and deletions in human malignancies.
Product Categories/Family for anti-JUN antibody	Cancer; Immunology; Signal Transduction
References	Gonsalves, C., et al. J. Immunol. 185(10):6253-6264(2010) Bozec, A., et al. J. Cell Biol. 190(6):1093-1106(2010) Machida, K., et al. Hepatology 52(2):480-492(2010) Madi, A., et al. BMC Microbiol. 10, 215 (2010) : Johnatty, S.E., et al. PLoS Genet. 6 (7), E1001016 (2010) :

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
Molecular Weight	35676
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

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/jun-antibody-immunofluorescence-western-blot-elisa/286224>