

Rabbit Anti-JUN Polyclonal Antibody

CPB-919RH Rabbit(JUN)

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Rabbit Anti-JUN Polyclonal Antibody
Antigen Description	Transcription factor that recognizes and binds to the enhancerheptamer motif 5'-TGA[CG] CA-3'.
specificity	Theantibodydetectsendogenousleveloftotalc-Junprotein.
Target	JUN
Immunogen	Peptide sequence around aa. 71~75 (L-A-S-P-E) derived fromHuman c-Jun.
Host	Rabbit
Species	Human
Cross Reactivity	Human; Mouse; Rat
conjugation	N/A
Applications	WB

PACKAGING

Format	Supplied at 1.0mg/mL in phosphate buffered saline(without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl,0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

ANTIGEN GENE INFORMATION

Gene Name	JUN jun proto-oncogene [Homo sapiens]
Official Symbol	JUN
Synonyms	JUN; jun proto-oncogene; jun oncogene , v jun avian sarcoma virus 17 oncogene homolog , v jun sarcoma virus 17 oncogene homolog (avian); transcription factor AP-1; AP 1; c Jun; 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; AP1; AP-1; c-Jun;
GeneID	3725
mRNA Refseq	NM_002228
Protein Refseq	NP_002219
MIM	165160
UniProt ID	P05412
Chromosome Location	1p32-p31

Pathway	ATF-2 transcription factor network, organism-specific biosystem; Activated TLR4 signalling, organism-specific biosystem; Activation of the AP-1 family of transcription factors, organism-specific biosystem; Amphetamine addiction, organism-specific biosystem; Amphetamine addiction, conserved biosystem; Androgen Receptor Signaling Pathway, organism-specific biosystem; Apoptosis, organism-specific biosystem;
Function	DNA binding; R-SMAD binding; RNA polymerase II activating transcription factor binding; RNA polymerase II distal enhancer sequence-specific DNA binding; RNA polymerase II transcription factor binding transcription factor activity involved in positive regulation of transcription; Rho GTPase activator activity; cAMP response element binding; double-stranded DNA binding; protein binding; protein homodimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; sequence-specific distal enhancer binding RNA polymerase II transcription factor activity; sequence-specific distal enhancer binding RNA polymerase II transcription factor activity; transcription coactivator activity; transcription factor binding; transcription regulatory region DNA binding;