



# C-Jun (Hydroxylated-p244) rabbit pAb

<b>Catalog No</b>	BYab-02272
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB; ELISA
<b>Gene Name</b>	JUN
<b>Protein Name</b>	C-Jun (Hydroxylated-p244); Transcription factor AP-1;jun;c-jun; AP-1
<b>Immunogen</b>	Synthesized peptide derived from human C-Jun (Hydroxylated-p244)
<b>Specificity</b>	This antibody detects endogenous levels of Human,Mouse,Rat C-Jun (Hydroxylated-p244)
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1:1000-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	Transcription factor AP-1 (Activator protein 1;AP1;Proto-oncogene c-Jun;V-jun avian sarcoma virus 17 oncogene homolog;p39)
<b>Observed Band</b>	39-42kD
<b>Cell Pathway</b>	Nucleus.
<b>Tissue Specificity</b>	Expressed in the developing and adult prostate and prostate cancer cells.
<b>Function</b>	protein import into nucleus, translocation, response to reactive oxygen species, angiogenesis, blood vessel development, release of cytochrome c from mitochondria, regulation of protein amino acid phosphorylation, negative regulation of protein amino acid phosphorylation, vasculature development, response to molecule of bacterial origin,regulation of myeloid leukocyte differentiation, positive regulation of myeloid leukocyte differentiation, regulation of DNA replication, transcription, regulation of transcription, DNA-dependent, regulation of transcription from RNA polymerase II promoter, protein targeting, protein import into nucleus, cellular ion homeostasis, intracellular protein transport, nucleocytoplasmic transport, apoptosis, response to oxidative stress, mitochondrion

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organization, cell surface receptor linked signal transduction, enzyme linked receptor protein signaling pathway

**Background**

function:Transcription factor that recognizes and binds to the enhancer heptamer motif 5'-TGA[CG]TCA-3'. ,PTM:Phosphorylation enhances the transcriptional activity. Phosphorylated by PRKDC. ,similarity:Belongs to the bZIP family. ,similarity:Belongs to the bZIP family. Jun subfamily. ,similarity:Contains 1 bZIP domain. ,subunit:Heterodimer with either FOS or BATF3. Interacts with HIVEP3 (By similarity). Interacts with SMAD3/SMAD4 heterodimers. Interacts with MYBBP1A, SPIB and TCF20. Interacts with COPS5; indirectly leading to its phosphorylation. Interacts with DSIPI; this interaction inhibits the binding of active AP1 to its target DNA. ,

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**