c-Jun (Phospho Ser63) Rabbit pAb

Catalog No	YP-Ab-19264
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	IF,WB,IHC,ELISA
Gene Name	JUN
Protein Name	Transcription factor AP-1;jun;c-jun；AP-1
Immunogen	The antiserum was produced against synthesized peptide derived from human c-Jun around the phosphorylation site of Ser63. AA range:31-80
Specificity	Phospho-AP-1 (S63) Polyclonal Antibody detects endogenous levels of AP-1 protein only when phosphorylated at S63.The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):LTsPD
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IF 1:50-200; WB 1:500-1:2000; IHC 1:100-1:300; ELISA 1:20000; Not yet tested in other applications; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0 (Cat#YS0004)
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	JUN ; Transcription factor AP-1 ; Activator protein 1 ; AP1 ; Proto-oncogene c-Jun ; V-jun avian sarcoma virus 17 oncogene homolog ; p39
Observed Band	39-42kD
Calculated Molecular Weight	
Cell Pathway	Nucleus.
Tissue Specificity	Expressed in the developing and adult prostate and prostate cancer cells.
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.,
Background	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. [provided by RefSeq, Jul 2008],
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.

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