

**AP-1 (Acetyl Lys271) rabbit pAb****Cat#: orb764012 (Manual)**

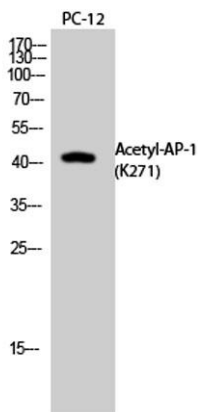
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<b>Product Name</b>	AP-1 (Acetyl Lys271) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	Synthesized acetyl-peptide derived from the Internal region of human AP-1 around the acetylation site of K271.
<b>Specificity</b>	Acetyl-AP-1 (K271) Polyclonal Antibody detects endogenous levels of AP-1 protein only when acetylation at K271.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Transcription factor AP-1;jun;c-jun; AP-1
<b>Gene Name</b>	JUN
<b>Cellular localization</b>	Nucleus.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	39-42kD
<b>Human Gene ID</b>	3725
<b>Human Swiss-Prot Number</b>	P05412
<b>Alternative Names</b>	JUN; Transcription factor AP-1; Activator protein 1; AP1; Proto-oncogene c-Jun; V-jun avian sarcoma virus 17 oncogene homolog; p39

## 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],



**Western Blot analysis of PC12 cells using Acetyl-AP-1 (K271) Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000**