

**AP-1 (phospho Tyr170) rabbit pAb****Cat#: orb768854 (Manual)**

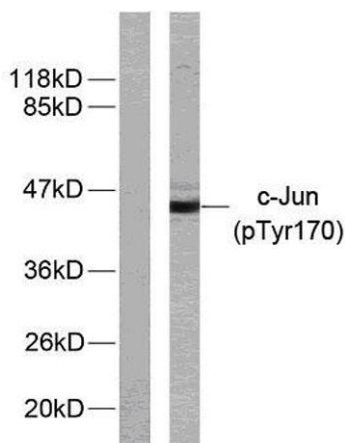
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<b>Product Name</b>	AP-1 (phospho Tyr170) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human c-Jun around the phosphorylation site of Tyr170. AA range:137-186
<b>Specificity</b>	Phospho-AP-1 (Y170) Polyclonal Antibody detects endogenous levels of AP-1 protein only when phosphorylated at Y170.
<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

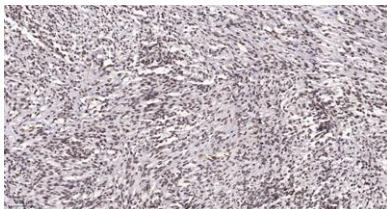
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	39-42kD
<b>Human Gene ID</b>	3725
<b>Human Swiss-Prot Number</b>	P05412
<b>Alternative Names</b>	JUN; Transcription factor AP-1; Activator protein 1; AP1; Proto-oncogene c-Jun; V-jun avian sarcoma virus 17 oncogene homolog; p39

**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 lysates from HeLa cells treated with UV, using c-Jun (Phospho-Tyr170) Antibody. The lane on the left is blocked with the phospho peptide.



Immunohistochemical analysis of paraffin-embedded human Small intestinal stromal tumor. 1, Tris-EDTA, pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4<sup>o</sup> overnight.3,Secondary antibody was diluted at 1:200(room temperature, 45min).