

## c-Jun (Acetyl Lys271) Rabbit pAb

CatalogNo: YK0062

### | Key Features

**Host Species**

- Rabbit

**Reactivity**

- Human, Mouse, Rat

**Applications**

- WB, ELISA

**MW**

- 39-42kD (Observed)

**Isotype**

- IgG

### | Recommended Dilution Ratios

**WB 1:500-1:2000****ELISA 1:10000****Not yet tested in other applications.**

### | Storage

**Storage\***

-15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### | Basic Information

**Clonality**

Polyclonal

### | Immunogen Information

**Immunogen**

Synthesized acetyl-peptide derived from the Internal region of human AP-1 around the acetylation site of K271.

**Specificity**

Acetyl-AP-1 (K271) Polyclonal Antibody detects endogenous levels of AP-1 protein only when acetylation at K271. 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 When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports.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): RkRKL

## Target Information

**Gene name** JUN

**Protein Name** Transcription factor AP-1;jun;c-jun; AP-1

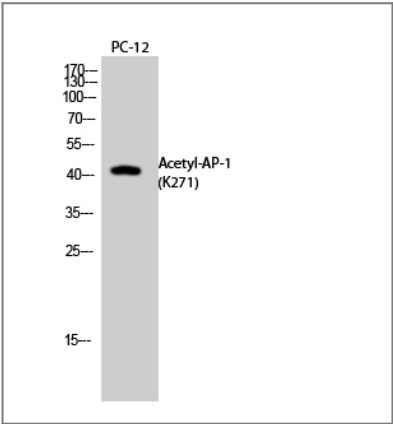
| Organism | Gene ID                | UniProt ID              |
|----------|------------------------|-------------------------|
| Human    | <a href="#">3725;</a>  | <a href="#">P05412;</a> |
| Mouse    | <a href="#">16476;</a> | <a href="#">P05627;</a> |
| Rat      | <a href="#">24516;</a> | <a href="#">P17325;</a> |

**Cellular Localization** Nucleus.

**Tissue specificity** Expressed in the developing and adult prostate and prostate cancer cells.

**Function** 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 HIVP3 (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.,

## Validation Data



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

## Contact information

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Please scan the QR code  
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product information:  
**c-Jun (Acetyl  
Lys271) Rabbit pAb**

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