

# Phospho-c-Jun-S73 Rabbit pAb

Catalog No.: AP0047

## Basic Information

### Observed MW

45-48kDa

### Calculated MW

36kDa

### Category

Primary antibody

### Applications

WB, IHC-P, ELISA

### Cross-Reactivity

Human, Mouse, Rat

## 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.

## Recommended Dilutions

**WB** 1:100 - 1:500

**IHC-P** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

3725

### Swiss Prot

P05412

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

AP1; p39; AP-1; cJUN; c-Jun; Phospho-c-Jun-S73

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

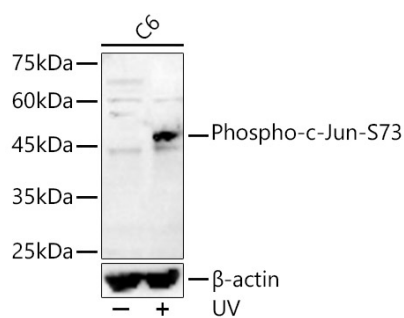
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Western blot analysis of lysates from C6 cells, using Phospho-c-Jun-S73 Rabbit pAb (AP0047) at 1:400 dilution. C6 cells were treated with UV at room temperature for 15-30 minutes.

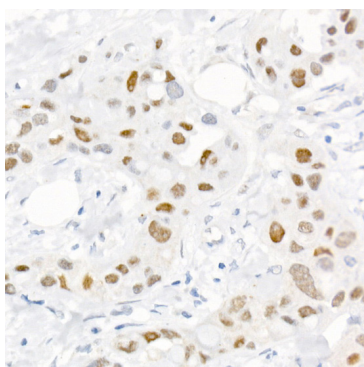
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Phospho-c-Jun-S73 Rabbit pAb (AP0047) at dilution of 1:20 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.