

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

A synthetic phosphorylated peptide around S73 of human c-Jun (NP_002219.1).

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

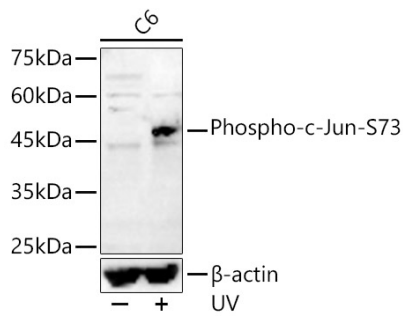
Affinity purification

Storage

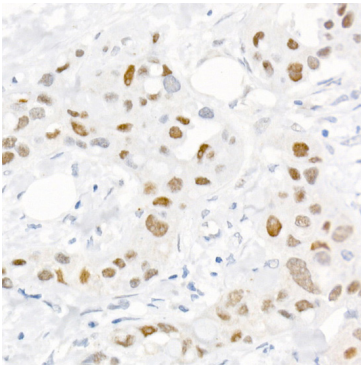
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

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 by 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 Bufferr (pH 6.0) prior to IHC staining.