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Phospho-c-Jun-S63 Rabbit mAb

Catalog No.: AP0105 Recombinant 12 Publications

Basic Information

Observed MW
48 kDa

Calculated MW
36 kDa

Category
Primary antibody

Applications
WB,IF/ICC,ELISA

Cross-Reactivity
Human, Mouse, Rat

CloneNo number
ARC0051

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	1:1000 - 1:10000
IF/ICC	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-S63

Contact

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Product Information

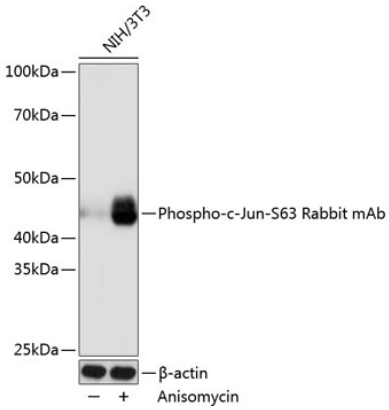
Source
Rabbit

Isotype
IgG

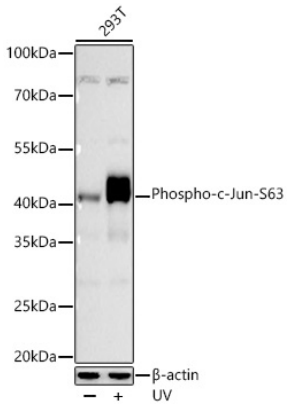
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

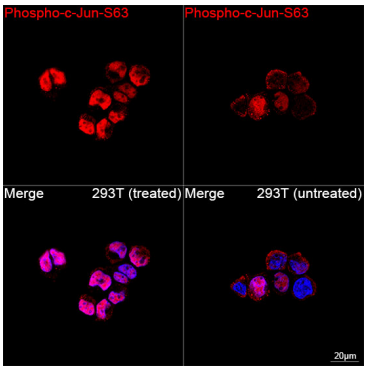
Validation Data



Western blot analysis of lysates from NIH/3T3 cells, using Phospho-c-Jun-S63 Rabbit mAb (AP0105) at 1:1000 dilution. NIH/3T3 cells were treated with Anisomycin (25 μg/mL) at 37℃ for 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: 1s.



Western blot analysis of lysates from 293T cells using Phospho-c-Jun-S63 Rabbit mAb (AP0105) at 1:10000 dilution incubated overnight at 4℃. 293T cells were treated with UV (100 mJ/cm2) at room temperature and recovered for 2 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 30 μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 45 s.



Confocal imaging of 293T cells (treated with Anisomycin) and 293T cells (untreated) using Phospho-c-Jun-S63 Rabbit mAb (AP0105, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue).
Objective: 100x.