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c-Jun Rabbit mAb

Catalog No.: A27455 Recombinant 1 Publications

Basic Information

Observed MW
43 kDa

Calculated MW
36 kDa

Category
Primary antibody

Applications
WB,IHC-P,IF/ICC,IP,FC,ELISA

Cross-Reactivity
Human, Mouse, Rat

CloneNo number
ARC3475

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 - 1:2000
IF/ICC	1:50 - 1:200
IHC-P	1:100 - 1:500
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000)□a sequential dilution method is strongly recommended to ensure measurement accuracy.

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

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.

Contact

400-999-6126

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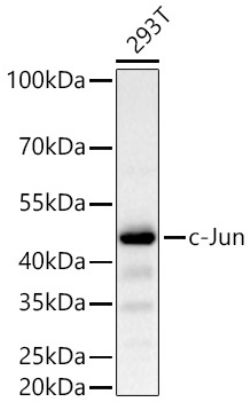
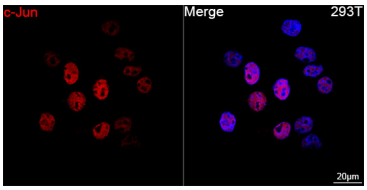
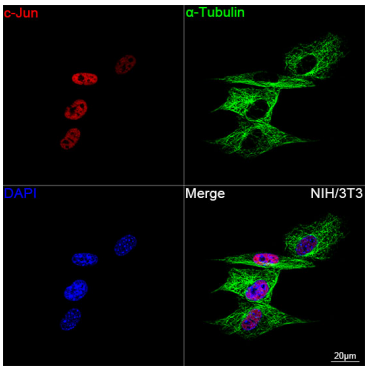
Validation Data



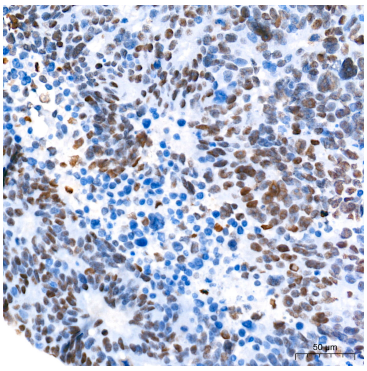
Western blot analysis of lysates from 293T cells using c-Jun Rabbit mAb (A27455) at 1:1000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30 s.



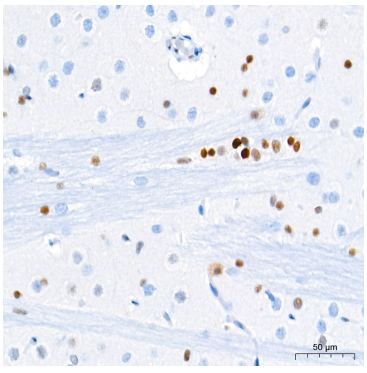
Confocal imaging of 293T cells using c-Jun Rabbit mAb (A27455, dilution 1:50) followed by a further incubation with Cy3-conjugated Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.



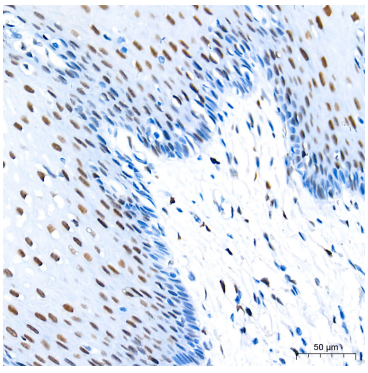
Confocal imaging of NIH/3T3 cells using c-Jun Rabbit mAb (A27455, dilution 1:50) followed by a further incubation with Cy3-conjugated Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



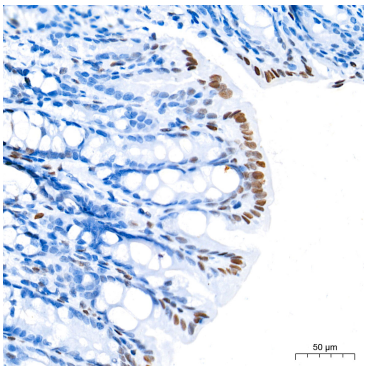
Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using c-Jun Rabbit mAb (A27455) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat brain tissue using c-Jun Rabbit mAb (A27455) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

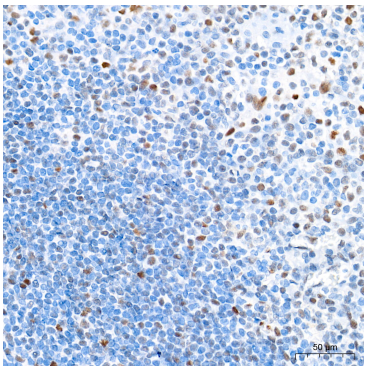


Immunohistochemistry analysis of paraffin-embedded Human esophagus tissue using c-Jun Rabbit mAb (A27455) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse colon tissue using c-Jun Rabbit mAb (A27455) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using c-Jun Rabbit mAb (A27455) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.