Leader in Biomolecular Solutions for Life Science

Phospho-c-Jun-T91 Rabbit pAb

Catalog No.: AP1216



Basic Information

Observed MW 36kDa

Calculated MW 36kDa

Category Primary antibody

Applications WB,IHC-P,IF/ICC,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	1:500 - 1:1000
IHC-P	1:50 - 1:200
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-T91

Contact

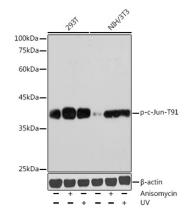
6	400-999-6126
\mathbf{X}	cn.market@abclonal.com.cn
€	www.abclonal.com.cn

Product Information

Source Rabbit **lsotype** 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.



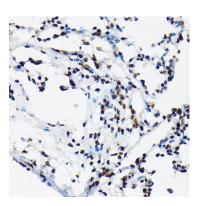
Western blot analysis of various lysates using Phospho-c-Jun-T91 Rabbit pAb (AP1216) at 1:1000 dilution. Both 293T cells and NIH/3T3 cells were treated with Anisomycin (25 μ g/mL) at 37°C for 30 minutes after serum-starvation overnight. Both 293T cells and NIH/3T3 cells were treated with UV at room temperature for 15-30 minutes.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: $25\mu g$ per lane.

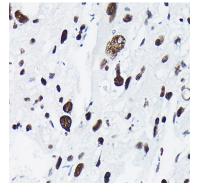
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

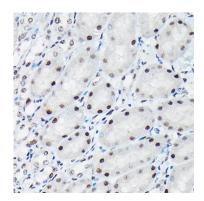
Exposure time: 180s.



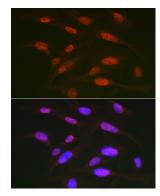
Immunohistochemistry analysis of paraffinembedded Rat lung using Phospho-c-Jun-T91 Rabbit pAb (AP1216) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human liver cancer using Phospho-c-Jun-T91 Rabbit pAb (AP1216) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Mouse kidney using Phospho-c-Jun-T91 Rabbit pAb (AP1216) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of U2OS cells using Phospho-c-Jun-T91 Rabbit pAb (AP1216) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.