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Datasheet for ABIN1513116

## anti-C-JUN antibody (AA 1-70)

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### Overview

Quantity:	100 µg
Target:	C-JUN (JUN)
Binding Specificity:	AA 1-70
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C-JUN antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

### Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-70 of human c-Jun (NP_002219.1).
Sequence:	MTAKMETTFY DDALNASFLP SESGPYGYSN PKILKQSMTL NLADPVGSLK PHLRAKNSDL LTSPDVGLLK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

### Target Details

Target:	C-JUN (JUN)
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## Target Details

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Alternative Name: JUN ([JUN Products](#))

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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.,AP-1,AP1,c-Jun,JUN,c,Epigenetics & Nuclear Signaling,Transcription Factors,Cancer,Signal Transduction,ErbB-HER Signaling Pathway,MAPK-JNK Signaling Pathway,Cell Biology & Developmental Biology,Apoptosis,Immunology & Inflammation,B Cell Receptor Signaling Pathway,T Cell Receptor Signaling Pathway,Toll-like Receptor Signaling Pathway,Cell Intrinsic Innate Immunity Signaling Pathway,TLR Signaling,JUN

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Molecular Weight: 35 kDa

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Gene ID: 3725

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UniProt: [P05412](#)

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Pathways: [MAPK Signaling](#), [RTK Signaling](#), [WNT Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [Activation of Innate immune Response](#), [Myometrial Relaxation and Contraction](#), [Skeletal Muscle Fiber Development](#), [Protein targeting to Nucleus](#), [Toll-Like Receptors Cascades](#), [Autophagy](#), [Signaling of Hepatocyte Growth Factor Receptor](#), [BCR Signaling](#), [S100 Proteins](#)

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## Application Details

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Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:200

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Handling Advice: Avoid freeze / thaw cycles

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Storage: -20 °C

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

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## Publications

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Product cited in:

Wang, Wang, Lou, Ma, Li, Zhang, Wang, Li, Awais, Cao, She, Fu, Cui: "IP-10 Promotes Blood-Brain Barrier Damage by Inducing Tumor Necrosis Factor Alpha Production in Japanese Encephalitis." in: **Frontiers in immunology**, Vol. 9, pp. 1148, (2018) ([PubMed](#)).

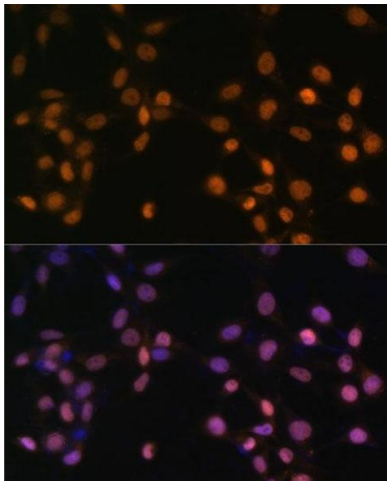
He, Zhao, Anees, Li, Ashraf, Chen, Song, Chen, Cao, Ye: "p21-Activated Kinase 4 Signaling Promotes Japanese Encephalitis Virus-Mediated Inflammation in Astrocytes." in: **Frontiers in cellular and infection microbiology**, Vol. 7, pp. 271, (2018) ([PubMed](#)).

Ye, Zhang, He, Zhu, Zhou, Chen, Ashraf, Wei, Liu, Fu, Chen, Cao: "Quantitative phosphoproteomic analysis identifies the critical role of JNK1 in neuroinflammation induced by Japanese encephalitis virus." in: **Science signaling**, Vol. 9, Issue 448, pp. ra98, (2017) ([PubMed](#)).

Cao, Sun, Zhang, Guo, Xie, Li, Wu, Liu: "The long intergenic noncoding RNA UFC1, a target of MicroRNA 34a, interacts with the mRNA stabilizing protein HuR to increase levels of  $\beta$ -catenin in HCC cells." in: **Gastroenterology**, Vol. 148, Issue 2, pp. 415-26.e18, (2015) ([PubMed](#)).

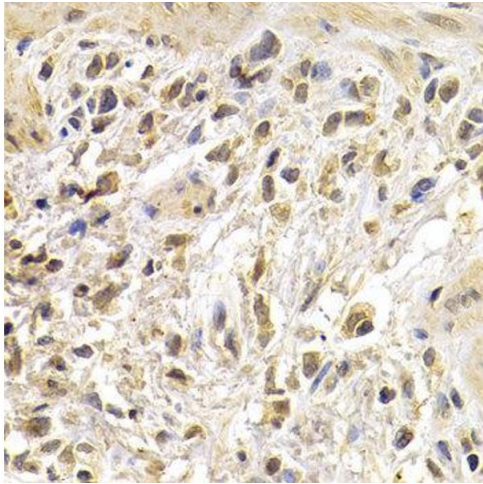
## Images

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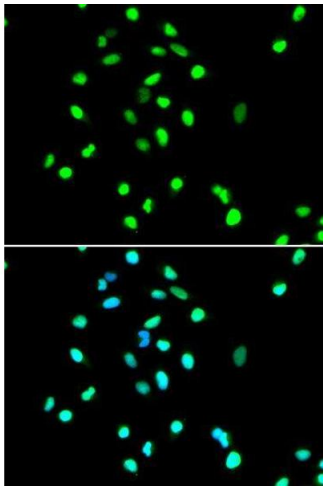
### Immunofluorescence

**Image 1.** Immunofluorescence analysis of NIH/3T3 cells using c-Jun antibody (ABIN3020776, ABIN3020777, ABIN1513116 and ABIN6213718) at dilution of 1:100. Blue: DAPI for nuclear staining.



### Immunohistochemistry

**Image 2.**



### Immunofluorescence

**Image 3.** Immunofluorescence analysis of A549 cell using Jun antibody. Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN1513116.