BOSTER BIOLOGICAL TECHNOLOGY
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Anti-JUN Antibody (C-term)

Catalog Number: A02038

About JUN

JUN is the putative transforming gene of avian sarcoma virus 17. JUN is 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.

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Overview

Product Name	Anti-JUN Antibody (C-term)
Reactive Species	Human
Description	Boster Bio Anti-JUN Antibody (C-term) (Catalog # A02038). Tested in WB, IHC-P, Flow Cytometry application(s). This antibody reacts with Human.
Application	Flow Cytometry, IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P05412

Technical Details

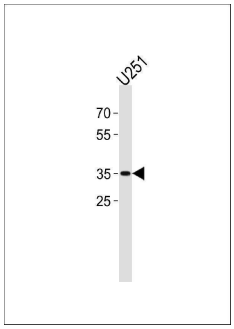
Immunogen	This JUN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 222-251 amino acids from the C-terminal region of human JUN.
Predicted Reactive Species	Bovine, Chicken, Mouse, Pig, Rat
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.

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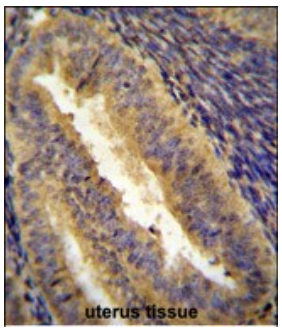
Suggested Dilutions	WB: 1:1000 IHC-P: 1:50-1:100 FC: 1:10-1:50

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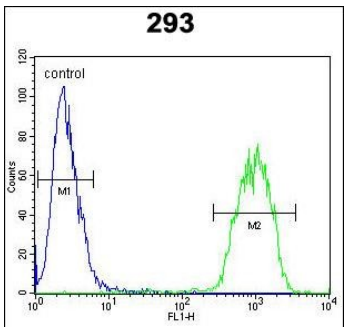
Anti-JUN Antibody (C-term) (A02038) Images



JUN Antibody (C-term) western blot analysis in U251 cell line lysates (35ug/lane). This demonstrates the JUN antibody detected the JUN protein (arrow).



JUN Antibody (C-term) (Cat. #A02038) immunohistochemistry analysis in formalin fixed and paraffin embedded human uterus tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of JUN Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



JUN Antibody (C-term) (Cat. #A02038) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

5 Publications Citing This Product

1. PubMed ID: 10.1159/000481871, Role of the TGFbeta/PDCD4/AP-1 Signaling Pathway in Nasopharyngeal Carcinoma and Its Relationship to Prognosis

2. PubMed ID: 24100343, Yang Y, Qin J, Lan L, Li N, Wang C, He P, Liu F, Ni H, Wang Y. Cancer Biol Ther. 2014 Jan;15(1):99-107. Doi: 10.4161/Cbt.26718. Epub 2013 Oct 22. M-Csf Cooperating With Nf??b Induces Macrophage Transformation From M1 To M2 By Upregulating C-Jun.

3. PubMed ID: 28932249, Zhang C, Chang C, Li D, Zhang F, Xu C. Cell Mol Biol Lett. 2017 Sep 16;22:21. doi: 10.1186/s11658-017-0051-3. eCollection 2017. The novel protein C3orf43 accelerates hepatocyte proliferation

Visit bosterbio.com/anti-jun-antibody-c-term-a02038-boster.html to see all 5 publications.

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