

# Product Datasheet

## c-jun [p Ser63] Antibody (SY0297) NBP2-67471

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-67471**

c-jun [p Ser63] Antibody (SY0297)

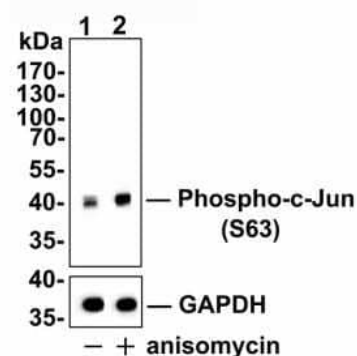
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SY0297
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit c-jun [p Ser63] Antibody (SY0297) (NBP2-67471) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-c-jun Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3725
Gene Symbol	JUN
Species	Human, Mouse, Rat
Immunogen	Synthetic phospho-peptide corresponding to residues surrounding c-jun aa 31-80 / 331. (SwissProt: P05412 Human; SwissProt: P05627 Mouse; SwissProt: P17325 Rat)

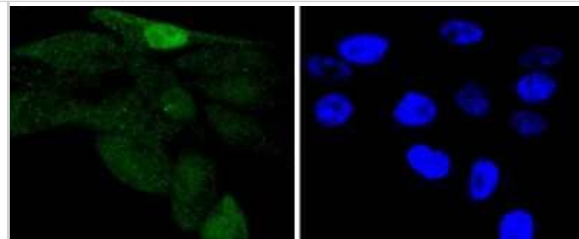
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:500

**Images**

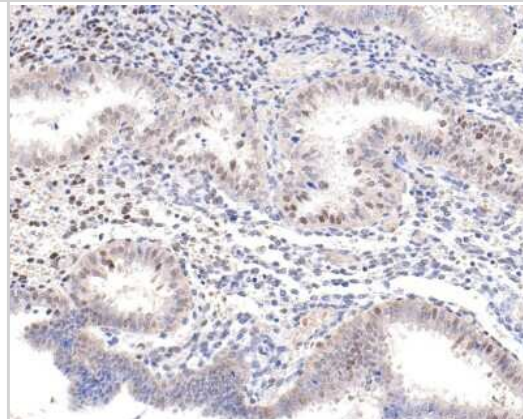
Western Blot: c-jun [p Ser63] Antibody (SY0297) [NBP2-67471] - Analysis of c-Jun [p Ser63] (whole cell lysate, 10 ug /lane. Lane 2: NIH/3T3 cells were treated with 250 ng/ml anisomycin for 30 minutes, whole cell lysates, 10 ug/lane. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody Anti-c-Jun [p Ser63] (1/500) , Anti-c-Jun antibody (1/2000) and Anti-GAPDH antibody (1/10,000)was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG H&L (HRP) Secondary Antibody at 1:200,000 dilution was used for 1 hour at room temperature. Predicted band size: 36 kDa Observed band size: 40 kDa Exposure time: 3 minutes 43 seconds



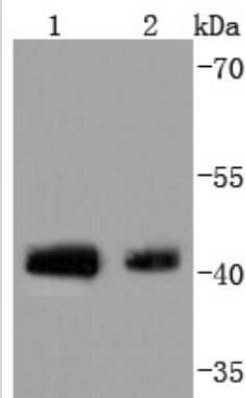
Immunocytochemistry/Immunofluorescence: c-jun [p Ser63] Antibody (SY0297) [NBP2-67471] - Staining Phospho-c-Jun(S63) in PC-3M cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



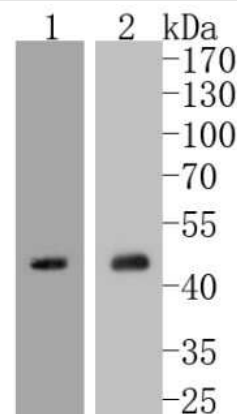
Immunohistochemistry-Paraffin: c-jun [p Ser63] Antibody (SY0297) [NBP2-67471] - Analysis of paraffin-embedded human endometrial tissue with Rabbit anti-c-jun [p Ser63] antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/500 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



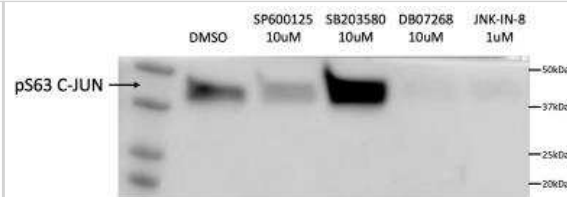
Western Blot: c-jun [p Ser63] Antibody (SY0297) [NBP2-67471] - Analysis of Phospho-c-Jun(S63) on different lysates using anti-Phospho-c-Jun(S63) antibody at 1/1,000 dilution. Positive control: Lane 1: NIH/3T3 Lane 2: 293T



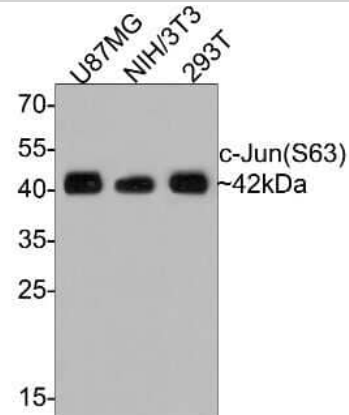
Western Blot: c-jun [p Ser63] Antibody (SY0297) [NBP2-67471] - Western blot analysis of c-jun on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rab



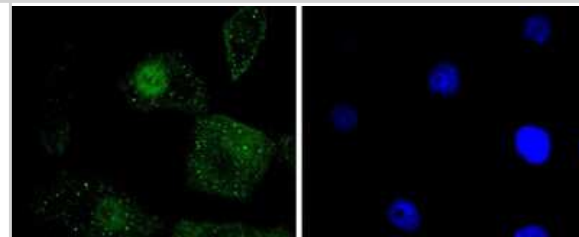
Western Blot: c-jun [p Ser63] Antibody (SY0297) [NBP2-67471] - Human U251 glioma cell line, whole cell lysates. Cells have been treated with JNK and p38 inhibitors. WB image submitted by a verified customer review.



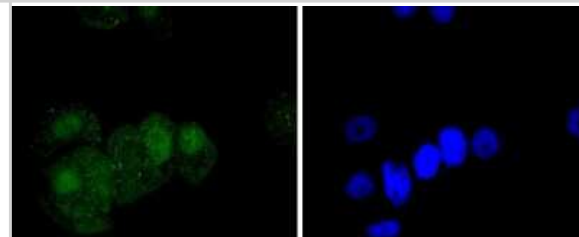
Western Blot: c-jun [p Ser63] Antibody (SY0297) [NBP2-67471] - Analysis of c-Jun (p Ser63) on different lysates with Rabbit anti-c-Jun (p Ser63) antibody at 1/500 dilution. Lane 1: U87MG cell lysate Lane 2: NIH/3T3 cell lysate Lane 3: 293T cell lysate Lysates/proteins at 10 ug/Lane. Predicted band size: 36 kDa Observed band size: 42 kDa Exposure time: 2 minutes; 12% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



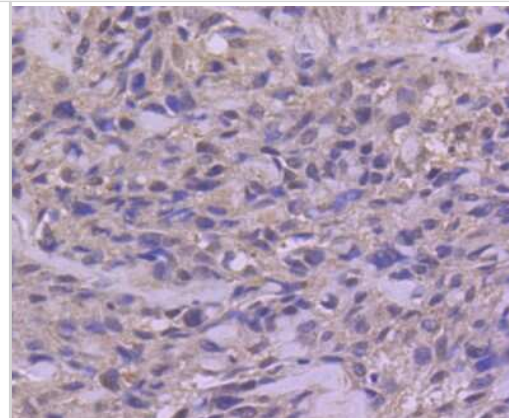
Immunocytochemistry/Immunofluorescence: c-jun [p Ser63] Antibody (SY0297) [NBP2-67471] - Staining Phospho-c-Jun(S63) in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



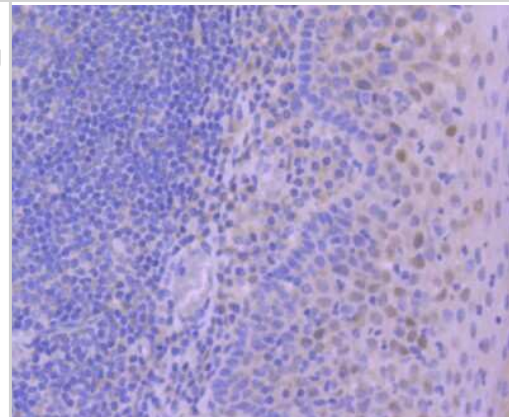
Immunocytochemistry/Immunofluorescence: c-jun [p Ser63] Antibody (SY0297) [NBP2-67471] - Staining Phospho-c-Jun(S63) in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



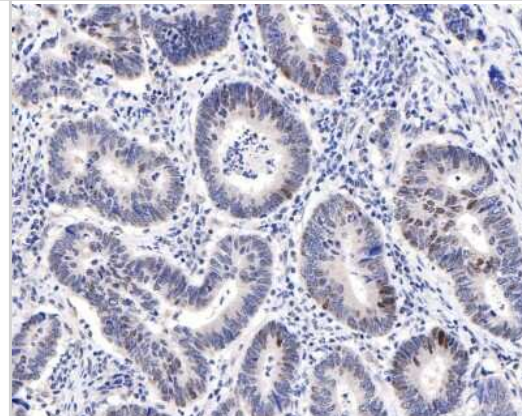
Immunohistochemistry-Paraffin: c-jun [p Ser63] Antibody (SY0297) [NBP2-67471] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-Phospho-c-Jun(S63) antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: c-jun [p Ser63] Antibody (SY0297) [NBP2-67471] - Analysis of paraffin-embedded human tonsil tissue using anti-Phospho-c-Jun(S63) antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: c-jun [p Ser63] Antibody (SY0297) [NBP2-67471] - Analysis of paraffin-embedded human colon carcinoma tissue with Rabbit anti-c-jun [Ser63] antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/500 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



## Publications

Ogino Y, Bernas T, Greer JE, Povlishock JT Axonal injury following mild traumatic brain injury is exacerbated by repetitive insult and is linked to the delayed attenuation of NeuN expression without concomitant neuronal death in the mouse Brain pathology (Zurich, Switzerland) 2021-11-03 [PMID: 34729854] (IF/IHC, Mouse)



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### **Products Related to NBP2-67471**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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