

Product Datasheet

JunB/AP-1 Antibody - BSA Free NBP1-89544

Unit Size: 0.1 ml

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

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NBP1-89544

JunB/AP-1 Antibody - BSA Free

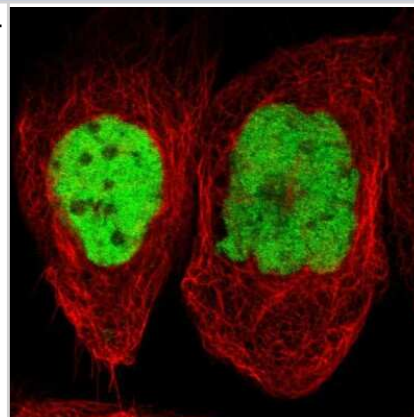
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	3726
Gene Symbol	JUNB
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SLHDYKLLKPSLAVNLADPYRSLKAPGARGPGPEGGGGGSYFSGQGS DTGAS LKLASSELERLIVPNSNGVITTTPTPPGQYFYPRGGGSGGGAGGAGGGVTEEQ EGFADGFVKALDDL

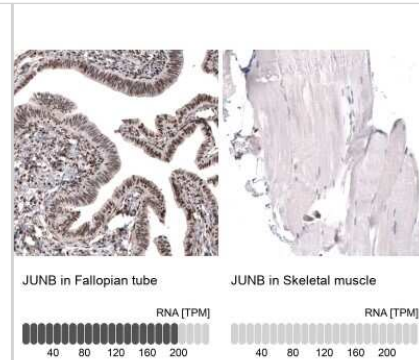
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 -1:500, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

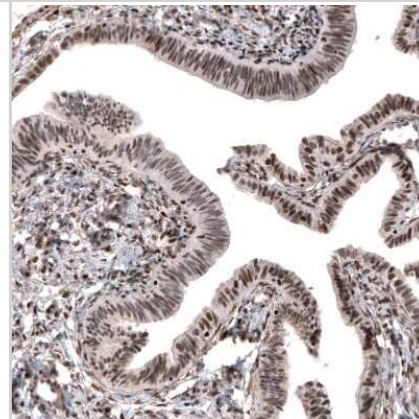
Immunocytochemistry/Immunofluorescence: JunB/AP-1 Antibody [NBP1-89544] - Staining of human cell line A-431 shows localization to nucleoplasm. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: JunB/AP-1 Antibody [NBP1-89544] - Staining in human fallopian tube and skeletal muscle tissues . Corresponding JUNB RNA-seq data are presented for the same tissues.



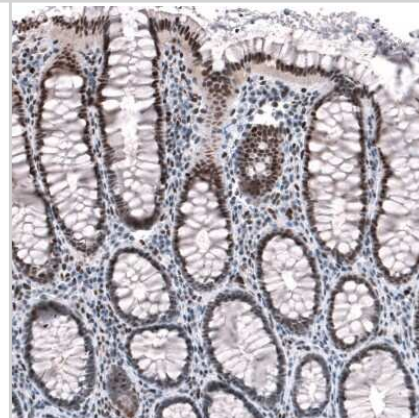
Immunohistochemistry-Paraffin: JunB/AP-1 Antibody [NBP1-89544] - Staining of human fallopian tube shows moderate to strong nuclear positivity in glandular cells.



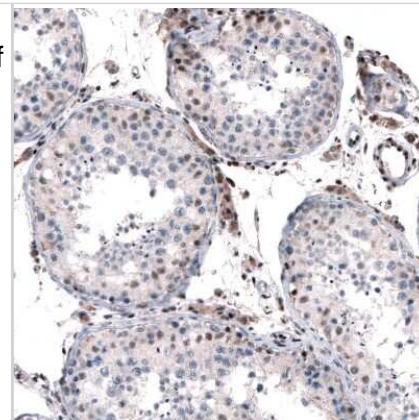
Immunohistochemistry-Paraffin: JunB/AP-1 Antibody [NBP1-89544] - Staining of human skeletal muscle shows no positivity in striated muscle fibers as expected.



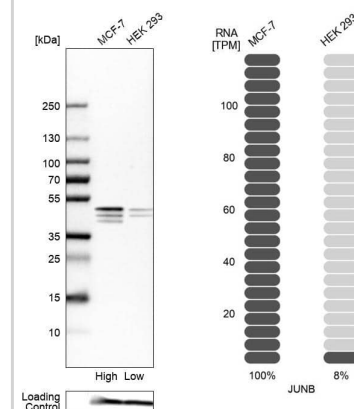
Immunohistochemistry-Paraffin: JunB/AP-1 Antibody [NBP1-89544] - Staining of human colon shows moderate to strong nuclear positivity in glandular cells.



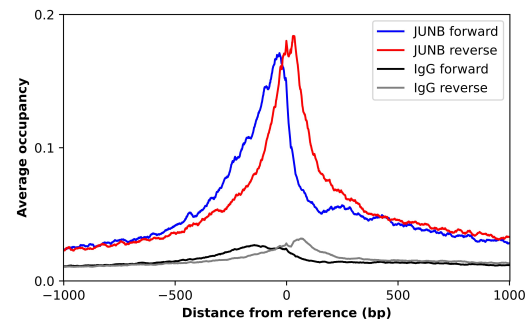
Immunohistochemistry-Paraffin: JunB/AP-1 Antibody [NBP1-89544] - Staining of human testis shows moderate nuclear positivity in a subset of cells in seminiferous ducts.



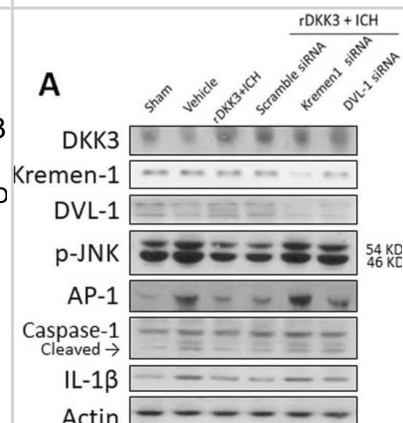
Analysis in human cell lines MCF-7 and HEK293 using Anti-JUNB antibody. Corresponding JUNB RNA-seq data are presented for the same cell lines. Loading control: Anti-PFN1.



ChIP-Exo-Seq composite graph for Anti-JUNB (NBP1-89544) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.



Western blot of rDkk3/Kremen-1/DVL-1 mechanistic pathway. Representative western blot bands (a) and the densitometric quantification of DKK3 (b), Kremen-1 (c), DVL-1 (d), p-JNK (e), AP-1 (F), cleaved caspase-1 (g), and IL-1 β (h) in the sham, vehicle, rDkk3, rDkk3 + scrambled siRNA, rDkk3 + Kremen-1 siRNA, and rDkk3 + DVL-1 siRNA groups 24 h after ICH. Data are expressed as the mean \pm SD. * p < 0.05 versus sham; # p < 0.05 versus vehicle; @ p < 0.05 vs rDkk3 + scramble siRNA group, n = 6 animals per group. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/32331523>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.





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Products Related to NBP1-89544

NBP1-89544PEP	JunB/AP-1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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