

# Product Datasheet

## hnRNP U Antibody - BSA Free NBP2-49290

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

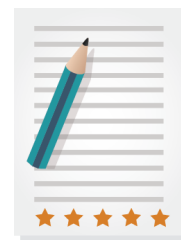
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Updated 2/23/2025 v.20.1

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**NBP2-49290**

hnRNP U Antibody - BSA Free

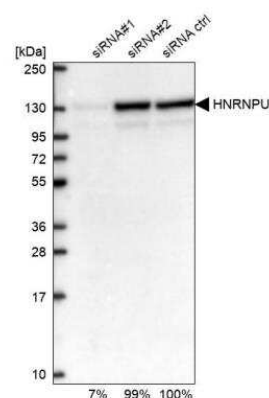
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	3192
Gene Symbol	HNRNPU
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in the scientific literature (PMID: 30044993)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: AVLKMKGNFTLPEVAECFDEITYVELQKEEAQKLEQYKEESKKALPPEKKQNT GSKKSNKNKSGKNQFNRRGGGHRGRGGFNMRGG

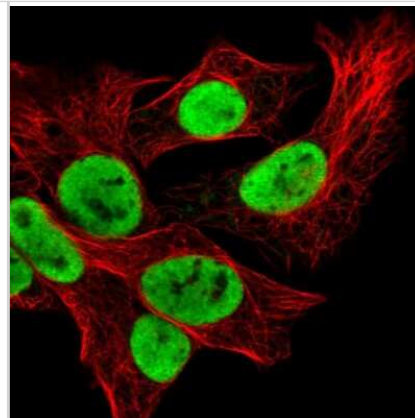
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2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

**Images**

Western Blot: hnRNP U Antibody [NBP2-49290] - Analysis in U2OS cells transfected with control siRNA, target specific siRNA probe #1 and #2. Remaining relative intensity is presented.



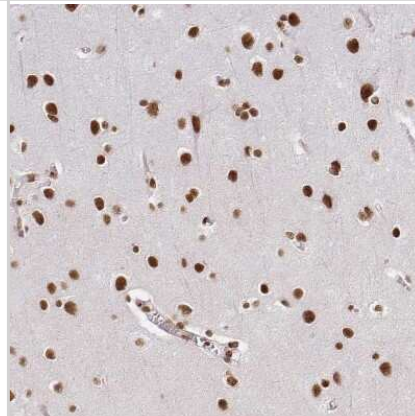
Immunocytochemistry/Immunofluorescence: hnRNP U Antibody [NBP2-49290] - Staining of human cell line Hep G2 shows localization to nucleoplasm. Antibody staining is shown in green.



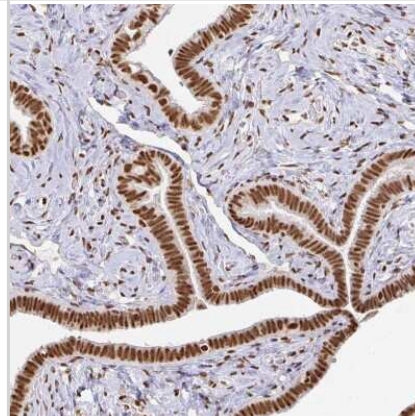
Immunohistochemistry-Paraffin: hnRNP U Antibody [NBP2-49290] - Staining of human skeletal muscle shows moderate nuclear positivity in myocytes.



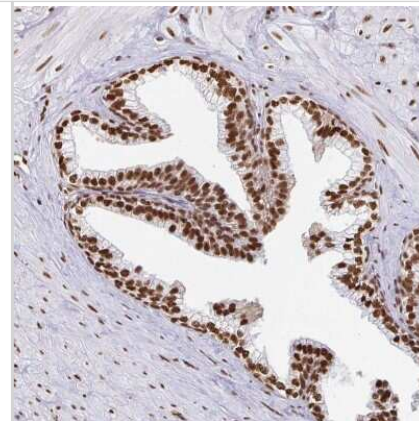
Immunohistochemistry-Paraffin: hnRNP U Antibody [NBP2-49290] - Staining of human cerebral cortex shows strong nuclear positivity in neurons.



Immunohistochemistry-Paraffin: hnRNP U Antibody [NBP2-49290] - Staining of human Fallopian tube shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: hnRNP U Antibody [NBP2-49290] - Staining of human prostate shows strong nuclear positivity in glandular cells.



## Publications

Hock EM, Maniecka Z, Hruska-Plochan M et al. Hypertonic Stress Causes Cytoplasmic Translocation of Neuronal, but Not Astrocytic, FUS due to Impaired Transportin Function. Cell Rep. 2018-07-24 [PMID: 30044993] (ICC/IF, Mouse)



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### **Products Related to NBP2-49290**

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NBP2-49290PEP	hnRNP U 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

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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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