

# Product Datasheet

## RENT1/UPF1/hUPF1 Antibody - BSA Free NBP1-89641

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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### Publications: 1

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Updated 12/2/2025 v.20.1

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**NBP1-89641**

RENT1/UPF1/hUPF1 Antibody - BSA Free

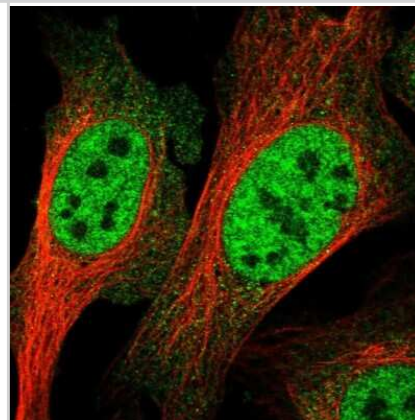
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal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

Product Description	
<b>Description</b>	Novus Biologicals Rabbit RENT1/UPF1/hUPF1 Antibody - BSA Free (NBP1-89641) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-RENT1/UPF1/hUPF1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	5976
<b>Gene Symbol</b>	UPF1
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: LEELWKENPSATLEDLEKPGVDEEPQHVLLRYEDAYQYQNIFGPLVKLEADYD KKLKESQTQDNITVRWDLGLNKKRIAYFTLPKTD

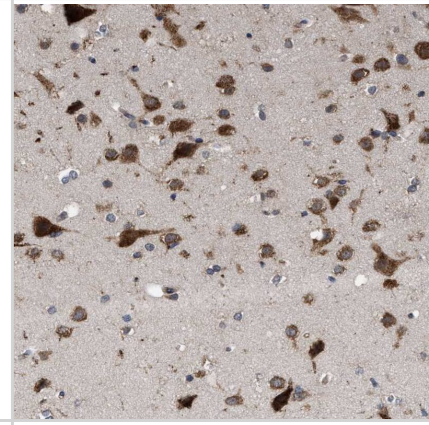
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50-1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

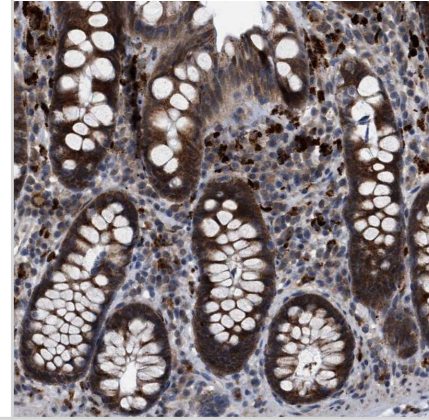
Immunocytochemistry/Immunofluorescence: RENT1/UPF1/hUPF1 Antibody [NBP1-89641] - Immunofluorescent staining of human cell line U-2 OS shows localization to nucleoplasm. Antibody staining is shown in green.



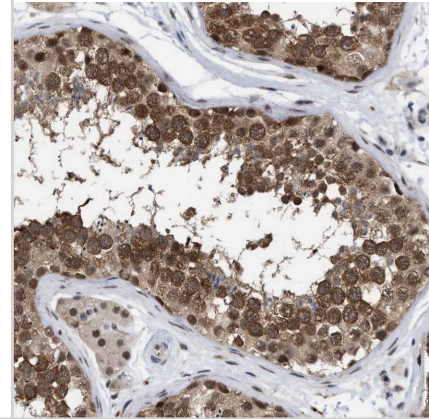
Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



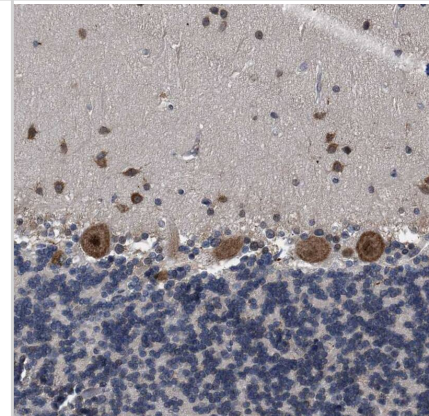
Staining of human colon shows strong cytoplasmic positivity in glandular cells.



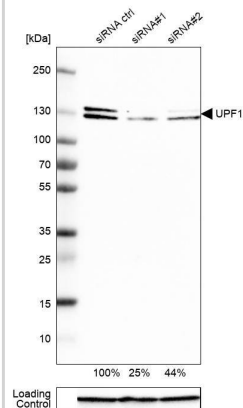
Staining of human testis shows strong cytoplasmic positivity in cells in seminiferous ducts.



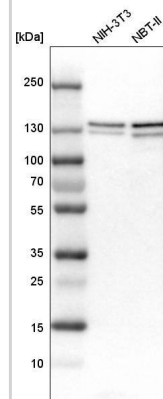
Staining of human cerebellum shows strong cytoplasmic and nuclear positivity in Purkinje cells.



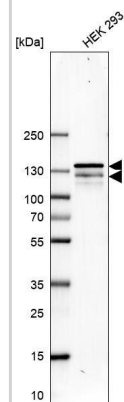
Staining of human testis shows strong cytoplasmic positivity in cells in seminiferous ducts.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Analysis in A-549 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-UPF1 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



## Publications

Chen W, Pilling D, Gomer RH The mRNA binding protein DDX3 mediates TGF- $\beta$ 1 upregulation of translation and promotes pulmonary fibrosis JCI insight 2023-02-23 [PMID: 36821384] (WB, Human)



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### **Products Related to NBP1-89641**

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NBP1-89641PEP	RENT1/UPF1/hUPF1 Recombinant Protein Antigen
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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