

# Product Datasheet

## Septin-7 Antibody - BSA Free

### NBP1-85731

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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Updated 12/2/2025 v.20.1

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**NBP1-85731**

Septin-7 Antibody - BSA Free

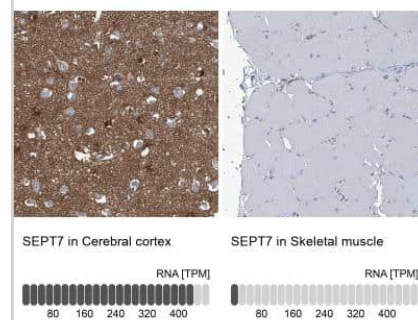
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit Septin-7 Antibody - BSA Free (NBP1-85731) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	989
Gene Symbol	SEPTIN7
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VNIIPLIAKADTLTPEECQQFKKQIMKEIQEHKIKIYEFPETDDEEENKLVKKIKDR LPLAVVGSNTIIEVNGKRVRGRQYPW

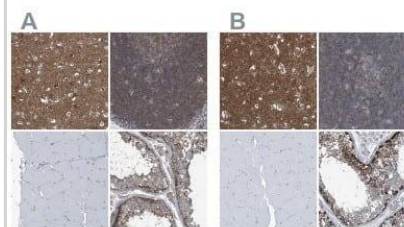
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation/Permeabilization: PFA/Triton X-100

**Images**

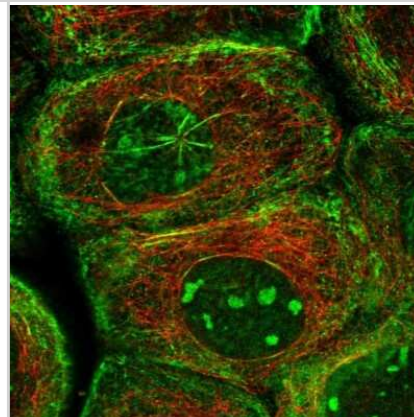
Immunohistochemistry-Paraffin: Septin-7 Antibody [NBP1-85731] - Immunohistochemistry analysis in human cerebral cortex and skeletal muscle tissues. Corresponding RNA-seq data are presented for the same tissues.



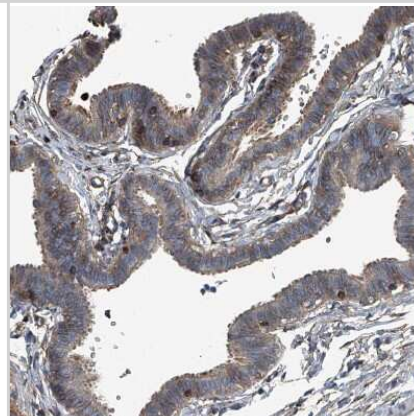
Immunohistochemistry-Paraffin: Septin-7 Antibody [NBP1-85731] - Staining of human cerebral cortex, lymph node, skeletal muscle and testis using Anti-SEPT7 antibody NBP1-85731 (A) shows similar protein distribution across tissues to independent antibody NBP1-85730 (B).



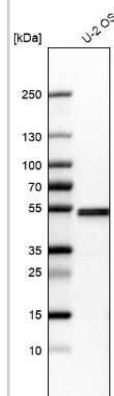
Immunocytochemistry/Immunofluorescence: Septin-7 Antibody [NBP1-85731] - Staining of human cell line A-431 shows localization to nucleoli, plasma membrane & actin filaments. Antibody staining is shown in green.



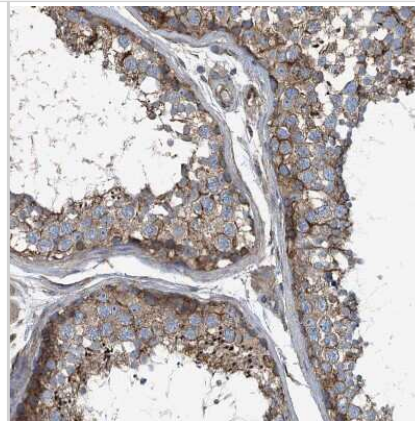
Immunohistochemistry-Paraffin: Septin-7 Antibody [NBP1-85731] - Staining of human fallopian tube shows strong cytoplasmic positivity in glandular cells.



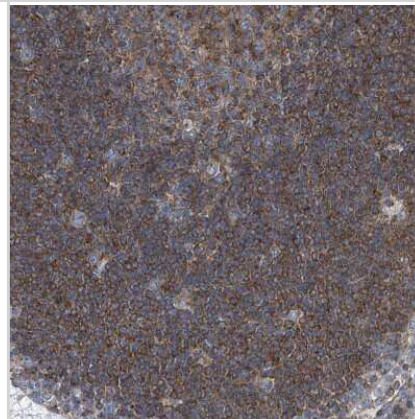
Western Blot: Septin-7 Antibody [NBP1-85731] - Analysis in human cell line U-2 OS.



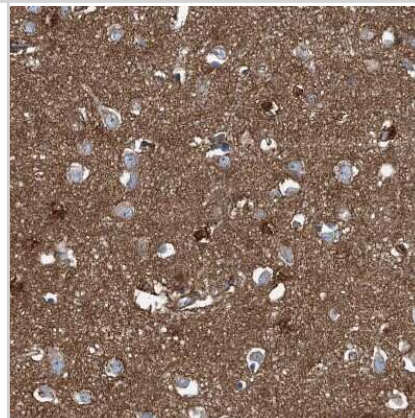
Immunohistochemistry-Paraffin: Septin-7 Antibody [NBP1-85731] - Staining of human testis shows moderate positivity in cells in seminiferous ducts.



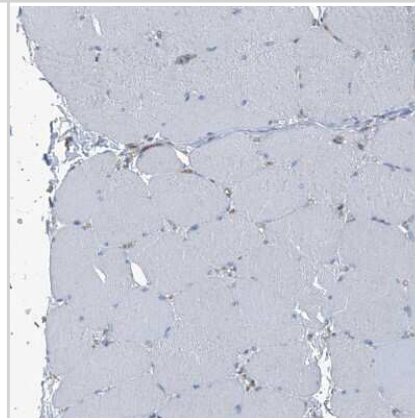
Immunohistochemistry-Paraffin: Septin-7 Antibody [NBP1-85731] - Staining of human lymph node shows moderate cytoplasmic positivity in non-germinal center cells.



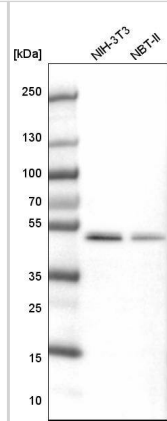
Immunohistochemistry-Paraffin: Septin-7 Antibody [NBP1-85731] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neuropil.



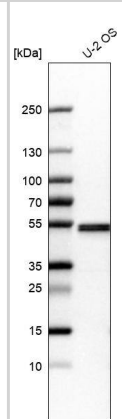
Immunohistochemistry-Paraffin: Septin-7 Antibody [NBP1-85731] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



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



Analysis in human cell line U-2 OS.





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### **Products Related to NBP1-85731**

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NBP1-85731PEP	Septin-7 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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