

# Product Datasheet

## Septin-7 Antibody - BSA Free

### NBP1-85730

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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**NBP1-85730**

Septin-7 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>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol
<b>Target Molecular Weight</b>	51 kDa

**Product Description**

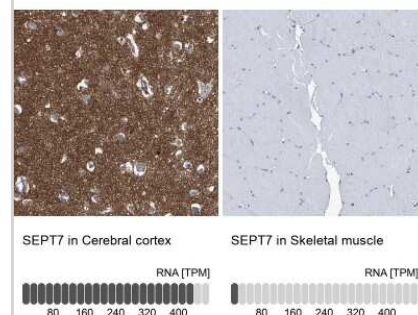
<b>Description</b>	Novus Biologicals Rabbit Septin-7 Antibody - BSA Free (NBP1-85730) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	989
<b>Gene Symbol</b>	SEPTIN7
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: MSVSARSAAAEERSVNSSTMVAQQKNLEGYVGFANLPNQVYRKSVKRGFEFT LMVVGESG

**Product Application Details**

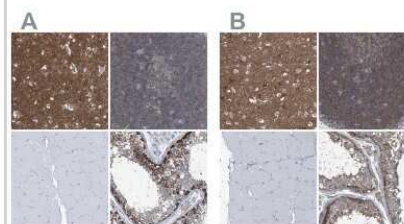
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin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

**Images**

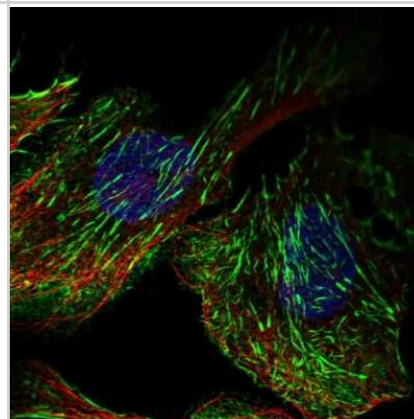
Immunohistochemistry-Paraffin: Septin-7 Antibody [NBP1-85730] - Staining in human cerebral cortex and skeletal muscle tissues . Corresponding SEPT7 RNA-seq data are presented for the same tissues.



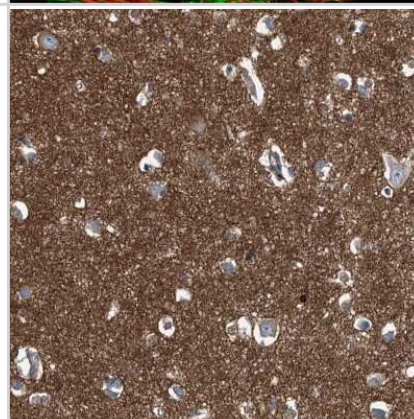
Immunohistochemistry-Paraffin: Septin-7 Antibody [NBP1-85730] - Staining of human cerebral cortex, lymph node, skeletal muscle and testis using Anti-SEPT7 antibody NBP1-85730 (A) shows similar protein distribution across tissues to independent antibody NBP1-85731 (B).



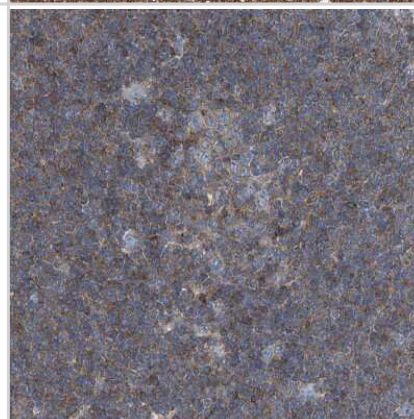
Immunocytochemistry/Immunofluorescence: Septin-7 Antibody [NBP1-85730] - Staining of human cell line U-2 OS shows localization to actin filaments & midbody. Antibody staining is shown in green.



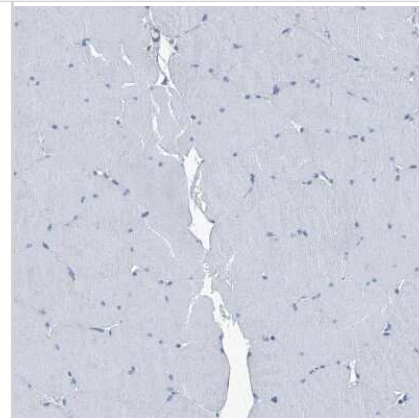
Immunohistochemistry-Paraffin: Septin-7 Antibody [NBP1-85730] - Staining of human cerebral cortex shows positivity in neuropil.



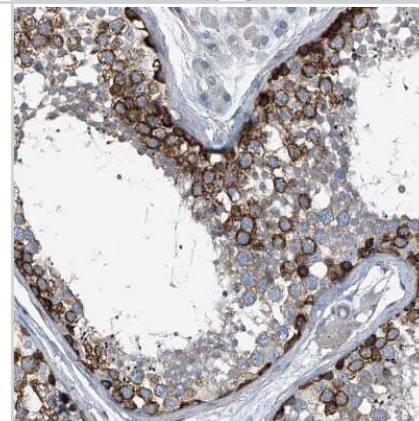
Immunohistochemistry-Paraffin: Septin-7 Antibody [NBP1-85730] - Staining of human lymph node shows moderate cytoplasmic positivity in lymphoid cells.



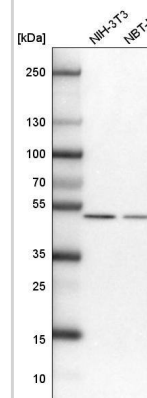
Immunohistochemistry-Paraffin: Septin-7 Antibody [NBP1-85730] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



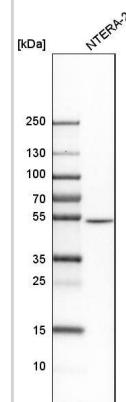
Immunohistochemistry-Paraffin: Septin-7 Antibody [NBP1-85730] - Staining of human testis shows positivity in cells in seminiferous ducts.



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



Analysis in human cell line NTERA-2.





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### **Products Related to NBP1-85730**

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NBP1-85730PEP	Septin-7 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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