

Product Datasheet

Septin-4 Antibody - BSA Free

NBP1-90093

Unit Size: 0.1 ml

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

www.novusbio.com



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Publications: 3

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Updated 12/2/2025 v.20.1

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NBP1-90093

Septin-4 Antibody - BSA Free

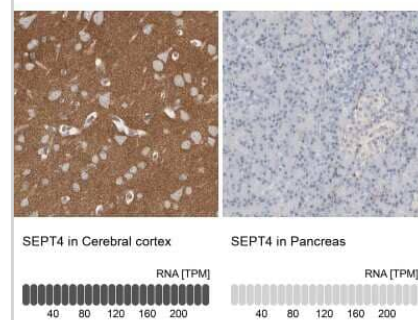
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit Septin-4 Antibody - BSA Free (NBP1-90093) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-Septin-4 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5414
Gene Symbol	SEPTIN4
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TMLVRTHMQDLKDVTRRETHYENYRAQCIQSMTRLVVKERNRNKLTRESGTFDF PIPAVPPGTDPETEKLIREKDEELRRMQE

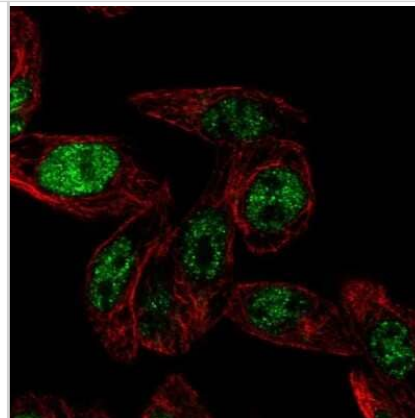
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application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

Images

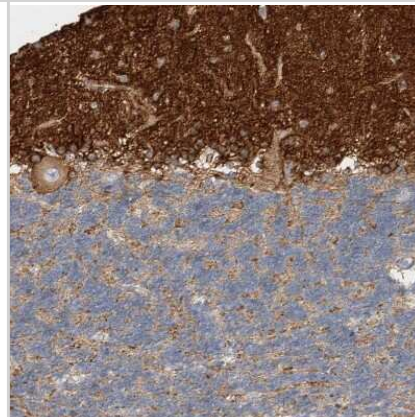
Immunohistochemistry-Paraffin: Septin-4 Antibody [NBP1-90093] - Analysis in human cerebral cortex and pancreas tissues. Corresponding SEPT4 RNA-seq data are presented for the same tissues.



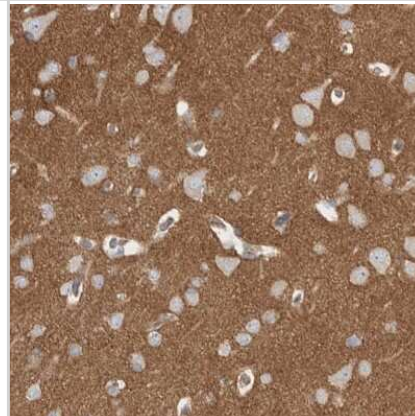
Immunocytochemistry/Immunofluorescence: Septin-4 Antibody [NBP1-90093] - Staining of human cell line Hep G2 shows localization to nucleoplasm. Antibody staining is shown in green.



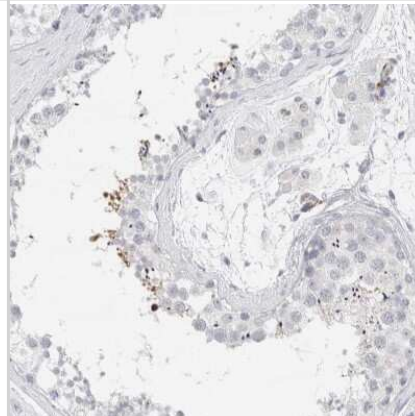
Immunohistochemistry-Paraffin: Septin-4 Antibody [NBP1-90093] - Staining of human cerebellum shows strong cytoplasmic positivity in neuropil.



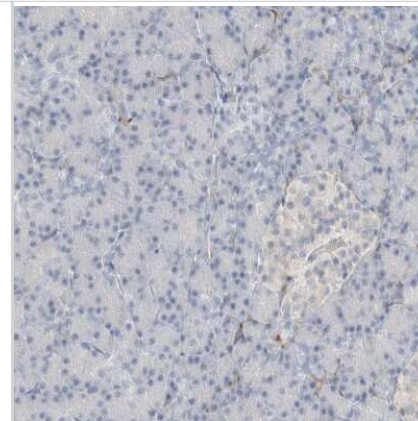
Immunohistochemistry-Paraffin: Septin-4 Antibody [NBP1-90093] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neuropil.



Immunohistochemistry-Paraffin: Septin-4 Antibody [NBP1-90093] - Staining of human testis shows moderate cytoplasmic positivity in spermatids.



Immunohistochemistry-Paraffin: Septin-4 Antibody [NBP1-90093] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



Publications

Jae Yeon Hwang, Pengxin Chai, Shoaib Nawaz, Jungmin Choi, Francesc Lopez-Giraldez, Shabir Hussain, Kaya Bilguvar, Shrikant Mane, Richard P Lifton, Wasim Ahmad, Kai Zhang, Jean-Ju Chung, Wei Yan, Wei Yan LRRC23 truncation impairs radial spoke 3 head assembly and sperm motility underlying male infertility eLife 2023-12-13 [PMID: 38091523]

Hwang JY, Chai P, Nawaz S et al. LRRC23 truncation impairs radial spoke 3 head assembly and sperm motility underlying male infertility bioRxiv : the preprint server for biology 2023-06-10 [PMID: 36865175] (ICC/IF, Mouse)

Details:

1 ug/ml dilution

Hwang J, Nawaz S, Choi J et al. Genetic Defects in DNAH2 Underlie Male Infertility With Multiple Morphological Abnormalities of the Sperm Flagella in Humans and Mice Frontiers in Cell and Developmental Biology 2021-04-23 [PMID: 33968937]



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Products Related to NBP1-90093

NBP1-90093PEP	Septin-4 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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