

Product Datasheet

PSPC1 Antibody - BSA Free

NBP1-83801

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 9/9/2025 v.20.1

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NBP1-83801

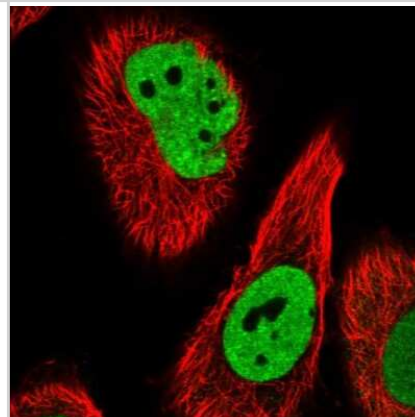
PSPC1 Antibody - BSA Free

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), 40% Glycerol
Product Description	
Description	Novus Biologicals Rabbit PSPC1 Antibody - BSA Free (NBP1-83801) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-PSPC1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	55269
Gene Symbol	PSPC1
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PAMGPEGAANMGTPMMPDNGAVHNDRFPGPPSQMGSPMGSRGTGSETPQA PMSGVGPVSGGPGGFGRGSQGGNFEGPNKRRRY
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
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, Immunohistochemistry-Frozen Validated from a verified customer review
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

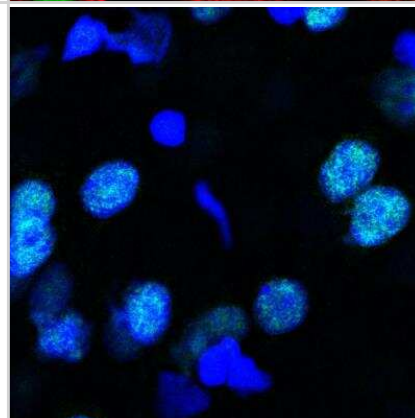


Images

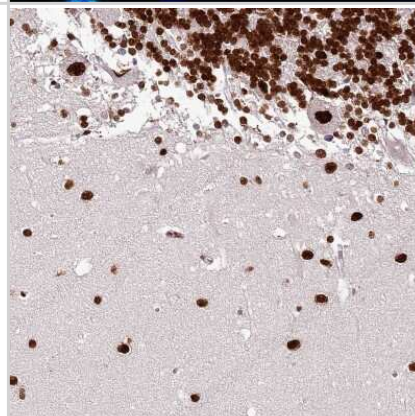
Immunocytochemistry/Immunofluorescence: PSPC1 Antibody [NBP1-83801] - Staining of human cell line U-251 MG shows localization to nucleoplasm. Antibody staining shown in green.



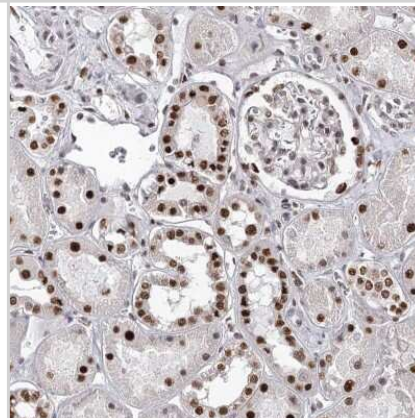
Immunohistochemistry-Frozen: PSPC1 Antibody [NBP1-83801] - Rat brain tissue. Fresh frozen 16 um. PSPC1 (1:500, green), DAPI (blue). IHC-Fr image submitted by a verified customer review.



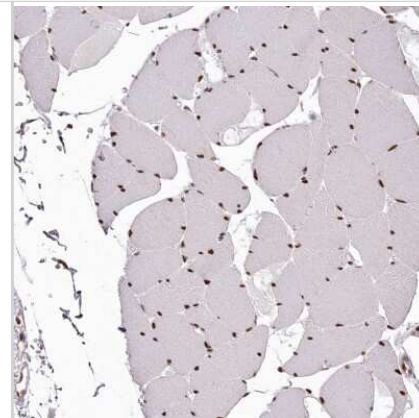
Immunohistochemistry-Paraffin: PSPC1 Antibody [NBP1-83801] - Staining of human cerebellum shows nuclear positivity.



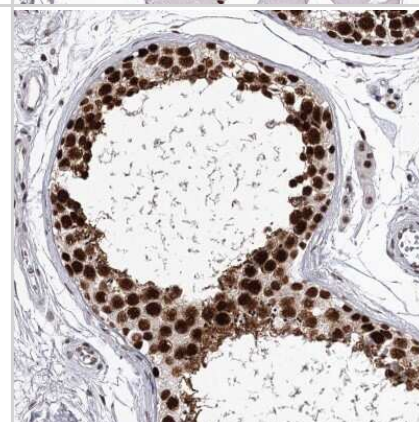
Immunohistochemistry-Paraffin: PSPC1 Antibody [NBP1-83801] - Staining of human kidney shows nuclear positivity in cells in tubules.



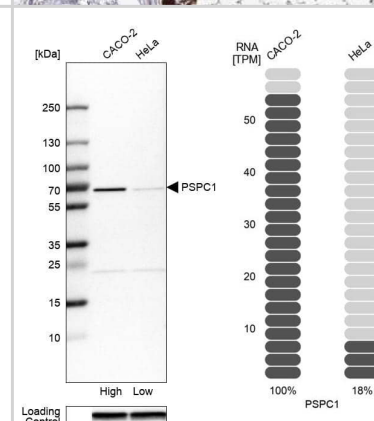
Immunohistochemistry-Paraffin: PSPC1 Antibody [NBP1-83801] - Staining of human skeletal muscle shows nuclear positivity in myocytes.



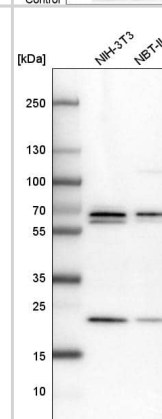
Immunohistochemistry-Paraffin: PSPC1 Antibody [NBP1-83801] - Staining of human testis shows nuclear positivity in cells in seminiferous ducts.



Analysis in human cell lines Caco-2 and HeLa using Anti-PSPC1 antibody. Corresponding PSPC1 RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



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



Publications

Soledad Báñez-López, Agnieszka Konopacka, Stephen J Cross, Mingkwan Greenwood, Marina Skarveli, David Murphy, Michael P Greenwood Transcriptional and Post-Transcriptional Regulation of Oxytocin and Vasopressin Gene Expression by CREB3L1 and CAPRIN2. *Neuroendocrinology* 2022-10-26 [PMID: 35051932]



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Products Related to NBP1-83801

NBP1-83801PEP	PSPC1 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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