# **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.

www.novusbio.com



technical@novusbio.com

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Updated 9/9/2025 v.20.1

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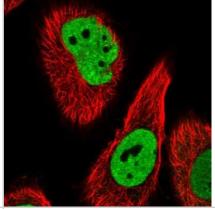
#### NBP1-83801

0.1 ml	
Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.	
Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.	
Polyclonal	
0.02% Sodium Azide	
IgG	
Immunogen affinity purified	
PBS (pH 7.2), 40% Glycerol	
Product 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.	
Rabbit	
55269	
PSPC1	
Human, Mouse, Rat	
This antibody was developed against Recombinant Protein corresponding to amino acids: PAMGPEGAANMGTPMMPDNGAVHNDRFPQGPPSQMGSPMGSRTGSETPQAPMSGVGPVSGGPGGFGRGSQGGNFEGPNKRRRY	
Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen	
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	
For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.	

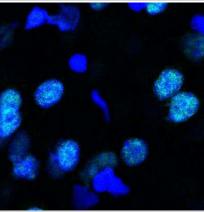


#### **Images**

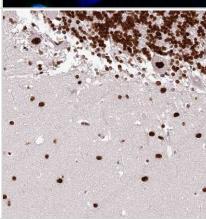
Immunocytochemistry/Immunofluorescence: PSPC1 Antibody [NBP1-83801] - Staining of human cell line U-251 MG shows localization to nucleoplasm. Antibody staining shown in green.



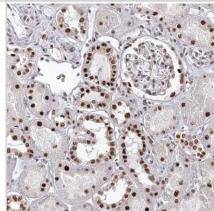
Immunohistochemistry-Frozen: PSPC1 Antibody [NBP1-83801] - Rat brain tissue. Fresh frozen 16 um. PSPC1 (1:500, green), DAPI (blue). IHC-Fr image submitted by a verified customer review.



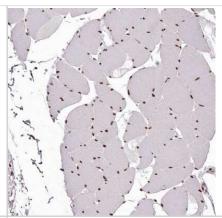
Immunohistochemistry-Paraffin: PSPC1 Antibody [NBP1-83801] - Staining of human cerebellum shows nuclear positivity.



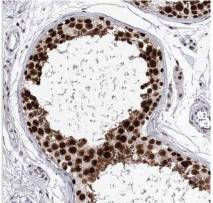
Immunohistochemistry-Paraffin: PSPC1 Antibody [NBP1-83801] - Staining of human kidney shows nuclear positivity in cells in tubules.



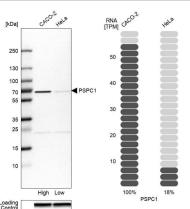
Immunohistochemistry-Paraffin: PSPC1 Antibody [NBP1-83801] - Staining of human skeletal muscle shows nuclear positivity in myocytes.



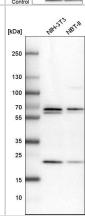
Immunohistochemistry-Paraffin: PSPC1 Antibody [NBP1-83801] - Staining of human testis shows nuclear positivity in cells in seminiferous ducts.



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 Bárez-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]





## Novus Biologicals USA

10730 E. Briarwood Avenue Centennial, CO 80112

USA

Phone: 303.730.1950 Toll Free: 1.888.506.6887

Fax: 303.730.1966

nb-customerservice@bio-techne.com

#### **Bio-Techne Canada**

21 Canmotor Ave Toronto, ON M8Z 4E6

Canada

Phone: 905.827.6400 Toll Free: 855.668.8722 Fax: 905.827.6402

canada.inquires@bio-techne.com

#### **Bio-Techne Ltd**

19 Barton Lane Abingdon Science Park Abingdon, OX14 3NB, United Kingdom Phone: (44) (0) 1235 529449

Free Phone: 0800 37 34 15 Fax: (44) (0) 1235 533420 info.EMEA@bio-techne.com

#### **General Contact Information**

www.novusbio.com

Technical Support: nb-technical@bio-

techne.com

Orders: nb-customerservice@bio-techne.com

General: novus@novusbio.com

### **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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