

# Product Datasheet

## smu1 Antibody - BSA Free

### NBP1-88522

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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#### Publications: 1

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Updated 12/2/2025 v.20.1

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**NBP1-88522**

smu1 Antibody - BSA Free

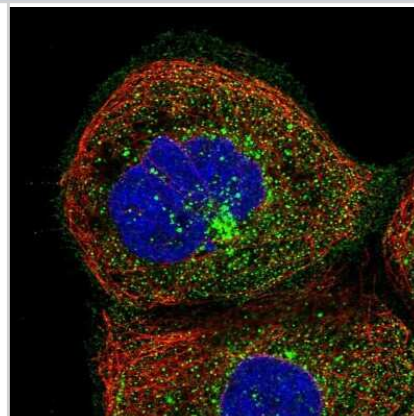
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit smu1 Antibody - BSA Free (NBP1-88522) 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	55234
Gene Symbol	SMU1
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SIEIESSDVIRLIMQYLKENS LHRALATLQEETT VSLNTVDSIESFVADINSGHWD TVLQAIQSLKLPDKTLIDL YEQVVLELIELRELGAARSLLRQTDPMIML

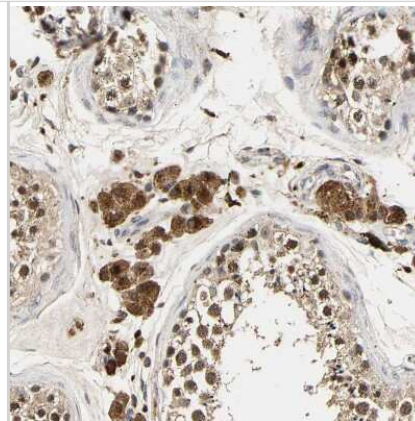
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin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

**Images**

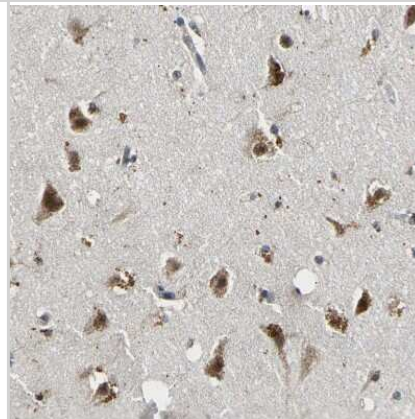
Immunocytochemistry/Immunofluorescence: smu1 Antibody [NBP1-88522] - Staining of human cell line A-431 shows localization to vesicles. Antibody staining is shown in green.



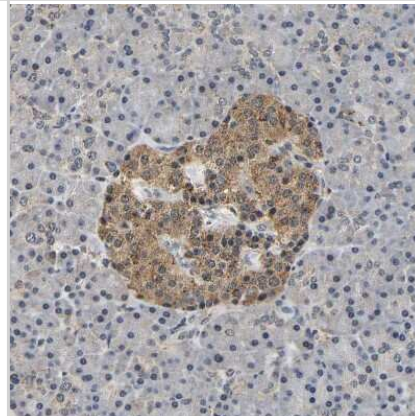
Immunohistochemistry-Paraffin: smu1 Antibody [NBP1-88522] - Staining of human testis shows strong cytoplasmic positivity in Leydig cells.



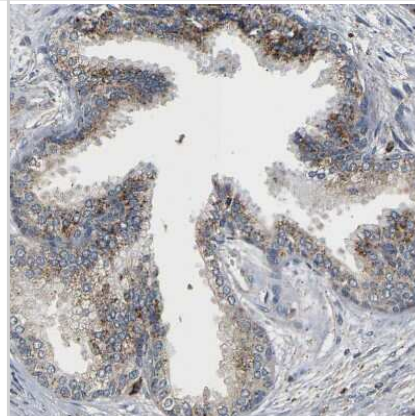
Immunohistochemistry-Paraffin: smu1 Antibody [NBP1-88522] - Staining of human cerebral cortex shows strong granular positivity in cytoplasm in neurons.



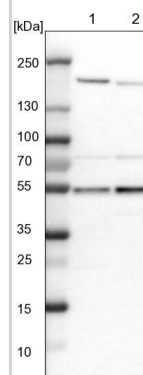
Immunohistochemistry-Paraffin: smu1 Antibody [NBP1-88522] - Staining of human pancreas shows moderate cytoplasmic positivity in islets of Langerhans.



Immunohistochemistry-Paraffin: smu1 Antibody [NBP1-88522] - Staining of human prostate shows moderate granular positivity in cytoplasm in glandular cells.



Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells)  
Lane 2: NBT-II cell lysate (Rat Wistar bladder tumour cells)



Western Blot: smu1 Antibody [NBP1-88522] - Analysis using Anti-SMU1 antibody NBP1-88522 (A) shows similar pattern to independent antibody NBP1-88521 (B).



## Publications

Qian M, Zeng Q, Zhang C et al. SMU1 knockdown suppresses gastric carcinoma growth, migration, and invasion and modulates the G0/G1 checkpoint of the cell cycle Research Square 2023-09-06 (WB, IHC, Human)



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### **Products Related to NBP1-88522**

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NBP1-88522PEP	smu1 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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