

# Product Datasheet

## SMCP Antibody - BSA Free

### NBP1-81252

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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#### Publications: 2

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Updated 12/2/2025 v.20.1

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**NBP1-81252**

SMCP 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

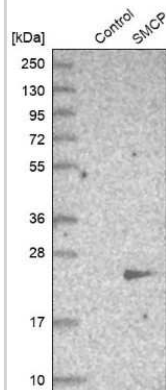
Product Description	
Description	Novus Biologicals Rabbit SMCP Antibody - BSA Free (NBP1-81252) is a polyclonal antibody validated for use in IHC and WB. Anti-SMCP Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4184
Gene Symbol	SMCP
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 24598113).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KHSKCCPAKGNQCCPPQQNQCCQSKGNQCCPPKQNQCCQPKGSQCCPPKH NHCCQPKPPCCIQRCCGLETKPEVSPLNMESEPNPQ

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

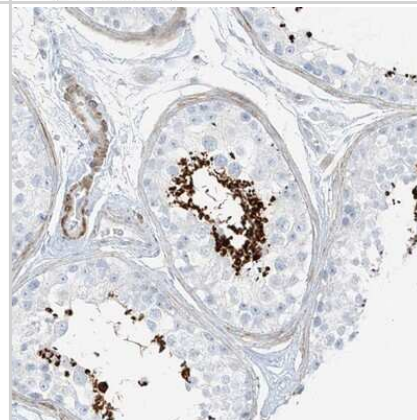


## Images

Western Blot: SMCP Antibody [NBP1-81252] - Analysis in control (vector only transfected HEK293T lysate) and SMCP over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



Immunohistochemistry-Paraffin: SMCP Antibody [NBP1-81252] - Staining of human testis shows strong cytoplasmic positivity in spermatids.



## Publications

Wang S, Wang H, Jin B et al. scRNA-seq and scATAC-seq reveal that Sertoli cell mediates spermatogenesis disorders through stage-specific communications in non-obstructive azoospermia eLife 2025-05-15 [PMID: 40371706]

Djureinovic D, Fagerberg L, Hallstrom B et al. The human testis-specific proteome defined by transcriptomics and antibody-based profiling. Mol Hum Reprod 2014-06-01 [PMID: 24598113]



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### **Products Related to NBP1-81252**

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NBP1-81252PEP	SMCP 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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