

# Product Datasheet

## Phosphoserine phosphatase Antibody - BSA Free NBP1-87203

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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**NBP1-87203**

Phosphoserine phosphatase Antibody - BSA Free

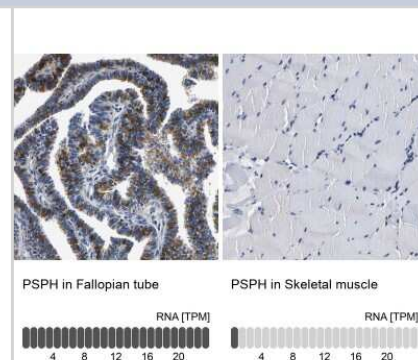
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit Phosphoserine phosphatase Antibody - BSA Free (NBP1-87203) is a polyclonal antibody validated for use in IHC and WB. Anti-Phosphoserine phosphatase Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5723
Gene Symbol	PSPH
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: AVCFDVDSTVIREEGIDELAKICGVEDAVSEMTRRAMGGAVPFKAALTERLALIQ PSREQVQRLIAEQPPHLTPGIRELVSRLQERNVQVFLISG

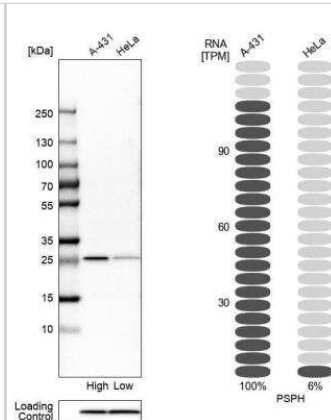
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

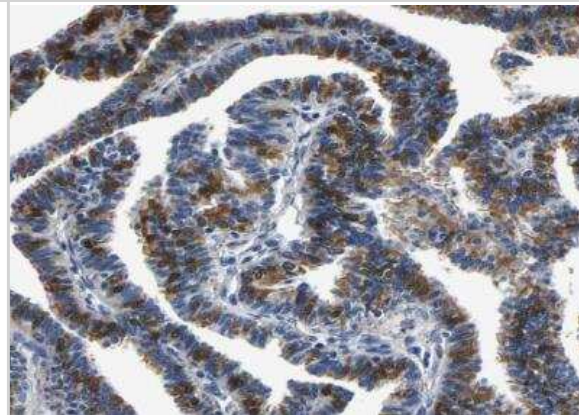
Immunohistochemistry-Paraffin: Phosphoserine phosphatase Antibody [NBP1-87203] - Analysis in human fallopian tube and skeletal muscle tissues using NBP1-87203 antibody. Corresponding Phosphoserine phosphatase RNA-seq data are presented for the same tissues.



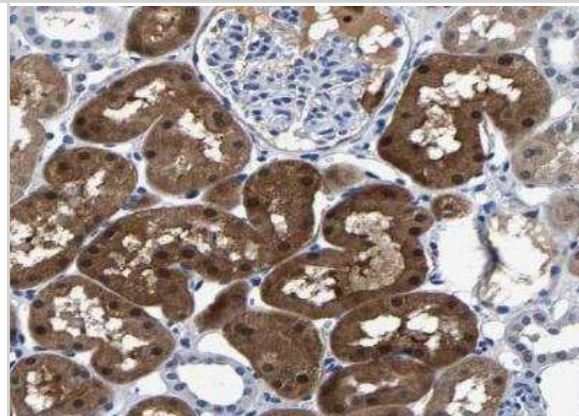
Western Blot: Phosphoserine phosphatase Antibody [NBP1-87203] - Analysis in human cell lines A-431 and HeLa. Corresponding RNA-seq data are presented for the same cell lines. Loading control: Anti-PPIB.



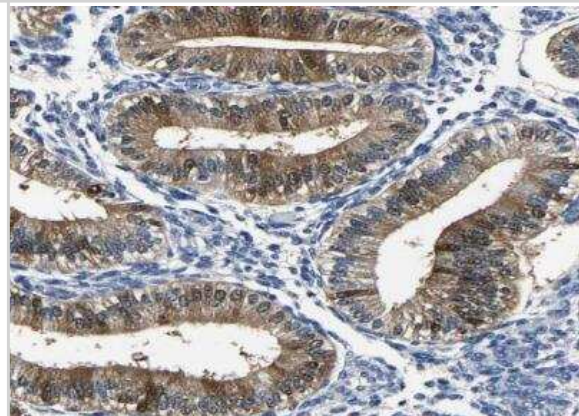
Immunohistochemistry-Paraffin: Phosphoserine phosphatase Antibody [NBP1-87203] - Staining of human fallopian tube shows strong cytoplasmic positivity in glandular cells.



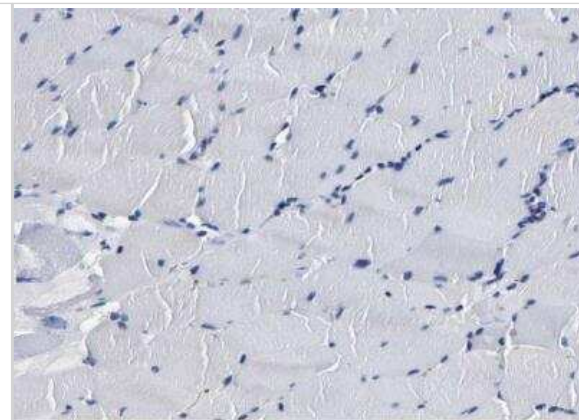
Immunohistochemistry-Paraffin: Phosphoserine phosphatase Antibody [NBP1-87203] - Staining of human kidney shows strong cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: Phosphoserine phosphatase Antibody [NBP1-87203] - Staining of human endometrium shows moderate cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Phosphoserine phosphatase Antibody [NBP1-87203] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



## Publications

Possemato R, Marks KM, Shaul YD et al. Functional genomics reveal that the serine synthesis pathway is essential in breast cancer. *Nature* 2011-08-01 [PMID: 21760589]



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### **Products Related to NBP1-87203**

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NBP1-87203PEP	Phosphoserine phosphatase 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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