

# Product Datasheet

## MPHOSPH10 Antibody - BSA Free NBP1-84341

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)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 4

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-84341](http://www.novusbio.com/NBP1-84341)

Updated 12/2/2025 v.20.1

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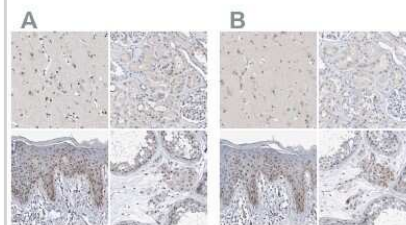


**NBP1-84341****MPHOSP10 Antibody - BSA Free**

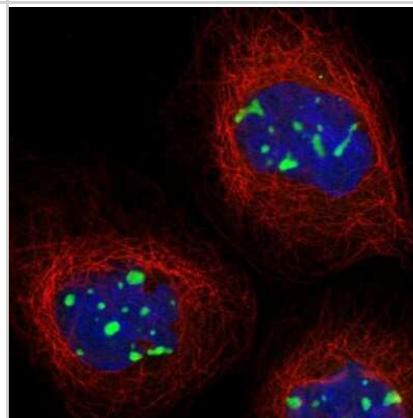
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit MPHOSP10 Antibody - BSA Free (NBP1-84341) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-MPHOSP10 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	10199
<b>Gene Symbol</b>	MPHOSP10
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (85%), Rat (83%)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: DDDLQENEDNKQHKESLKRVTALPDDAETEDTGVLNVKKNKNSDEVKSSFEKR QEKMNKIASLEKELLEKPPWQLQGEVTAQKRPESSLLEETLHFDHAVR
<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

## Images

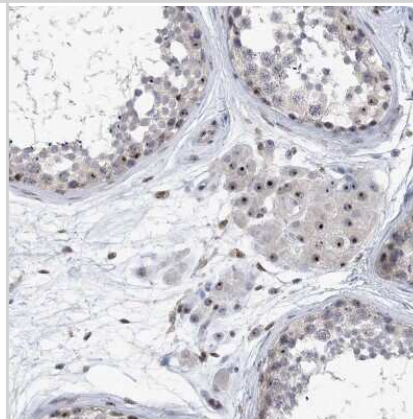
Immunohistochemistry-Paraffin: MPHOSPH10 Antibody [NBP1-84341] - Staining of human cerebral cortex, kidney, skin and testis using Anti-MPHOSPH10 antibody NBP1-84341 (A) shows similar protein distribution across tissues to independent antibody NBP2-38232 (B).



Immunocytochemistry/Immunofluorescence: MPHOSPH10 Antibody [NBP1-84341] - Immunofluorescent staining of human cell line A-431 shows localization to nucleoli.



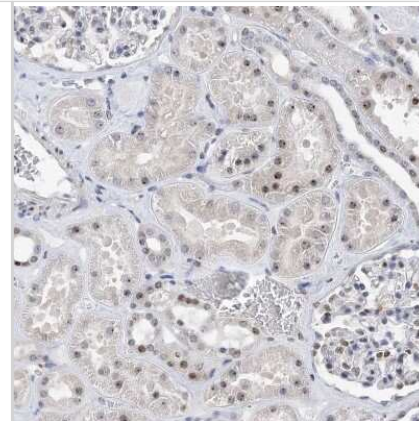
Immunohistochemistry-Paraffin: MPHOSPH10 Antibody [NBP1-84341] - Staining of human testis shows strong positivity in nucleoli in Leydig cells.



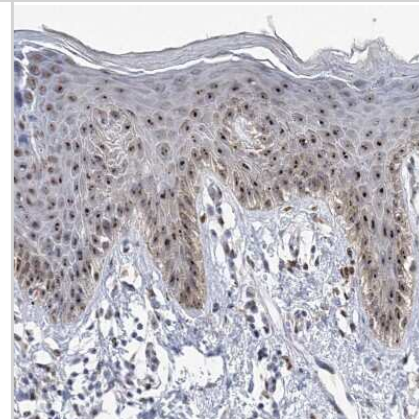
Immunohistochemistry-Paraffin: MPHOSPH10 Antibody [NBP1-84341] - Staining of human cerebral cortex shows strong positivity in nucleoli in neurons.



Immunohistochemistry-Paraffin: MPHOSPH10 Antibody [NBP1-84341] - Staining of human kidney shows moderate positivity in nucleoli in cells in tubules.



Immunohistochemistry-Paraffin: MPHOSPH10 Antibody [NBP1-84341] - Staining of human skin shows strong positivity in nucleoli in squamous epithelial cells.



## Publications

Lee B, Jaber-Lashkari N, Calo E. A unified view of low complexity regions (LCRs) across species eLife 2022-09-13 [PMID: 36098382] (Immunocytochemistry/ Immunofluorescence)

Jaber-Lashkari N, Lee B, Aryan F, Calo E. An evolutionarily nascent architecture underlying the formation and emergence of biomolecular condensates Cell Reports 2023-08-29 [PMID: 37586369] (Immunocytochemistry/ Immunofluorescence)

Aryan F, Detrés D, Luo CC et al. Nucleolus activity-dependent recruitment and biomolecular condensation by pH sensing Molecular cell 2023-11-14 [PMID: 37979585]

Lee B, Jaber-Lashkari N, Calo E A unified view of LCRs across species bioRxiv 2022-01-01 [PMID: 36117765] (ICC/IF, Human)



### **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 NBP1-84341**

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NBP1-84341PEP	MPHOSPH10 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

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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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