

# Product Datasheet

## PHF5A Antibody - BSA Free NBP1-88591

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: 3

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Updated 12/2/2025 v.20.1

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**NBP1-88591**

PHF5A Antibody - BSA Free

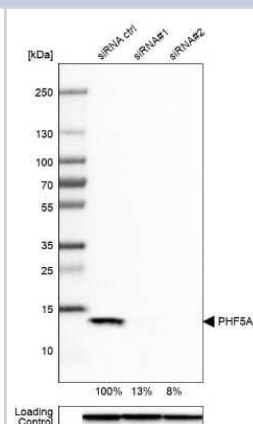
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit PHF5A Antibody - BSA Free (NBP1-88591) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-PHF5A Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	84844
Gene Symbol	PHF5A
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: AKHHPDLIFCRKQAGVAIGRLCEKCDGKCVICDSYVRPCTLVTRICDECNYGSYQ GRCVICGGPGVSDAYYCKECTIQEKDRDGGCPKIVNLGSSKTDLFYERK

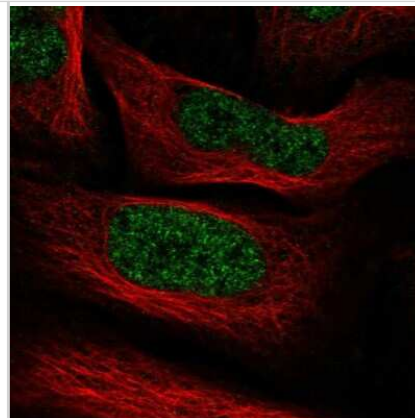
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

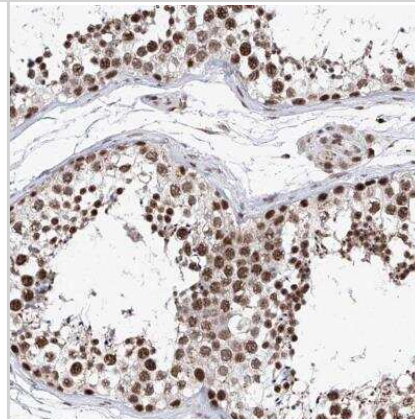
Western Blot: PHF5A Antibody [NBP1-88591] - Analysis in HeLa cells transfected with control siRNA, target specific siRNA probe #1 and #2, using anti-PHF5A antibody. Remaining relative intensity is presented. Loading control: anti-GAPDH.



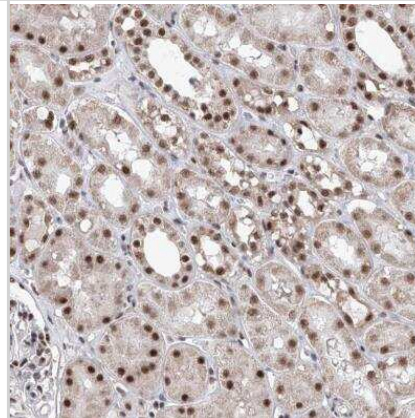
Immunocytochemistry/Immunofluorescence: PHF5A Antibody [NBP1-88591] - Staining of human cell line U-2 OS shows localization to nucleoplasm. Antibody staining is shown in green.



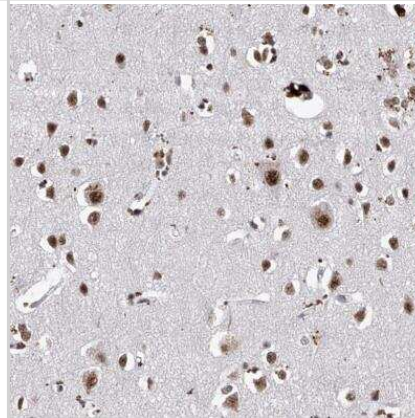
Immunohistochemistry-Paraffin: PHF5A Antibody [NBP1-88591] - Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



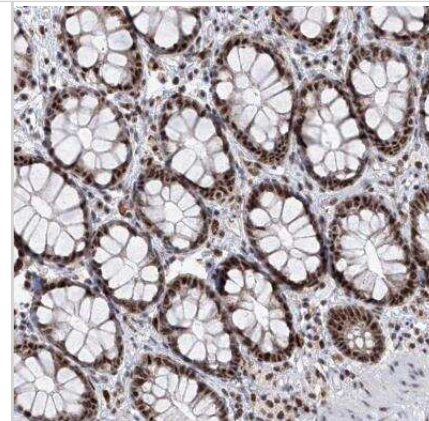
Immunohistochemistry-Paraffin: PHF5A Antibody [NBP1-88591] - Staining of human kidney shows moderate nuclear positivity in cells in tubules.



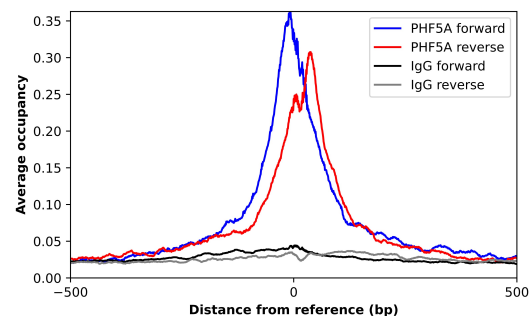
Immunohistochemistry-Paraffin: PHF5A Antibody [NBP1-88591] - Staining of human cerebral cortex shows strong nuclear positivity in neurons



Immunohistochemistry-Paraffin: PHF5A Antibody [NBP1-88591] - Staining of human rectum shows strong nuclear positivity in glandular cells.



ChIP-Exo-Seq composite graph for Anti-PHF5A (NBP1-88591) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.



## Publications

Liu C, Li G, Zheng S et al. PHF5A regulates the expression of the DOCK5 variant to promote HNSCC progression through p38 MAPK activation *Biology direct* 2023-07-12 [PMID: 37434235] (IHC, WB, Human)

Zheng YZ, Xue MZ, Shen HJ et al. PHF5A Epigenetically Inhibits Apoptosis to Promote Breast Cancer Progression. *Cancer Res* 2018-06-15 [PMID: 29700004] (IF/IHC)

Schreiber CA, Sakuma T, Izumiya Y et al. An siRNA Screen Identifies the U2 snRNP Spliceosome as a Host Restriction Factor for Recombinant Adeno-associated Viruses. *PLoS Pathog* 2015-08-01 [PMID: 26244496] (ICC/IF, WB, Human)



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### **Products Related to NBP1-88591**

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NBP1-88591PEP	PHF5A 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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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