

# Product Datasheet

## Histone H2B Antibody NBP3-32426

Unit Size: 100 ul

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

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**NBP3-32426**

## Histone H2B Antibody

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the 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>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH7.4), 0.1% BSA and 40% Glycerol
<b>Target Molecular Weight</b>	14 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Histone H2B Antibody (NBP3-32426) is a polyclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	440689
<b>Gene Symbol</b>	H2BC18
<b>Species</b>	Human, Mouse, Rat, Zebrafish
<b>Immunogen</b>	Synthetic peptide within C-terminal human Histone H2B. (Uniprot: O60814)
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:5000

## Images

Western Blot: Histone H2B Antibody [NBP3-32426] - Western blot analysis of Histone H2B on different lysates with Rabbit anti-Histone H2B antibody (NBP3-32426) at 1/2,000 dilution.

Lane 1: MCF-7 cell lysate (10 ug/Lane)  
 Lane 2: Hela cell lysate (10 ug/Lane)  
 Lane 3: A549 cell lysate (10 ug/Lane)  
 Lane 4: 293T cell lysate (10 ug/Lane)  
 Lane 5: THP-1 cell lysate (10 ug/Lane)  
 Lane 6: K562 cell lysate (10 ug/Lane)  
 Lane 7: HL-60 cell lysate (10 ug/Lane)  
 Lane 8: NIH/3T3 cell lysate (10 ug/Lane)  
 Lane 9: Zebrafish tissue lysate (20 ug/Lane)  
 Lane 10: PC-12 cell lysate (10 ug/Lane)  
 Lane 11: RAW264.7 cell lysate (10 ug/Lane)

Predicted band size: 14 kDa  
 Observed band size: 14 kDa

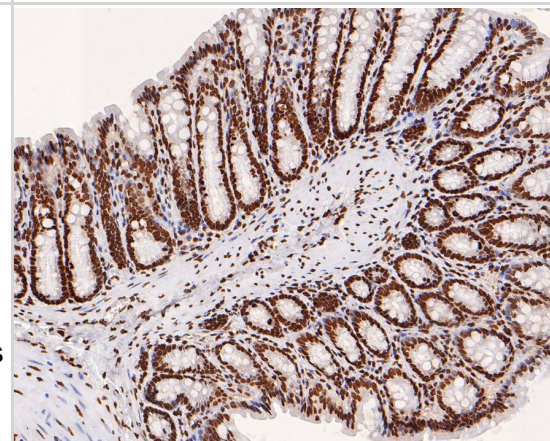
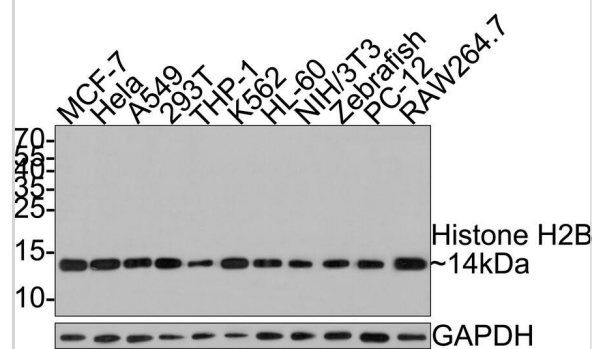
Exposure time: 1 minute;

15% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32426) at 1/2,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: Histone H2B Antibody [NBP3-32426] - Immunohistochemical analysis of paraffin-embedded rat large intestine tissue with Rabbit anti-Histone H2B antibody (NBP3-32426) at 1/3,400 dilution.

The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32426) at 1/3,400 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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### **Products Related to NBP3-32426**

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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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