

# Product Datasheet

## H2A [ac Lys5] Antibody NBP3-48612

Unit Size: 100 ul

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

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**NBP3-48612**

H2A [ac Lys5] Antibody

Product Information	
<b>Unit Size</b>	100 ul
<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>	0.01% Thimerosal
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol

Product Description	
<b>Description</b>	Novus Biologicals Rabbit H2A [ac Lys5] Antibody (NBP3-48612) is a polyclonal antibody validated for use in WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	8337
<b>Gene Symbol</b>	HIST2H2AA3
<b>Species</b>	Human
<b>Immunogen</b>	Carrier-protein conjugated synthetic peptide surrounding acetyl Lys5 of human H2A. The exact sequence is proprietary.

Product Application Details	
<b>Applications</b>	Western Blot, Dot Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:20000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:10000, Dot Blot



## Images

Dotblot analysis of anti-H2A antibody with peptide samples.  
Varied amount of peptide samples were spotted onto positively charged nylon membrane and blotted with H2A antibody (NBP3-48612) 1:5000 dilution.

A: Peptide samples of H2A.2K5 un

B: Peptide samples of H2A.2K5ac

C: Peptide samples of H2BK20 un

D: Peptide samples of H2BK20ac

E: Peptide samples of H2BK5 un

F: Peptide samples of H2BK5ac



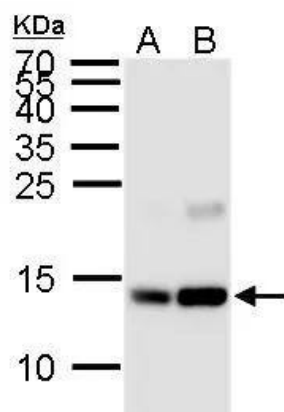
H2A antibody detects H2A protein by Western blot analysis.

A. 30 ug HeLa whole cell lysate/extract (0.012% DMSO treatment for 18 hr)

B. 30 ug HeLa whole cell lysate/extract (0.4 uM Trichostatin A treatment for 18 hr)

15 % SDS-PAGE

H2A antibody (NBP3-48612) dilution: 1:10000

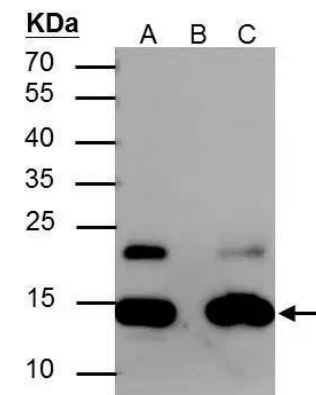


H2A antibody immunoprecipitates H2A protein in IP experiments. IP

Sample: HeLa whole cell lysate/extract A : 30 ug whole cell lysate/extract of H2A protein expressing HeLa cells (0.4uM TSA treatment for 18hr) B :

Control with 2.5 ug of pre-immune rabbit IgG C : Immunoprecipitation of H2A protein by 2.5 ug of H2A antibody (NBP3-48612) 12% SDS-PAGE

The immunoprecipitated H2A protein was detected by H2A antibody (NBP3-48612) diluted at 1 : 10000. EasyBlot anti-rabbit IgG (HRP) was used as a secondary reagent.





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### **Products Related to NBP3-48612**

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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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