

# Product Datasheet

## Acetyl Histone H3 Antibody Pack NBP3-20192

Unit Size: 8 Vials

Storage is content dependent.

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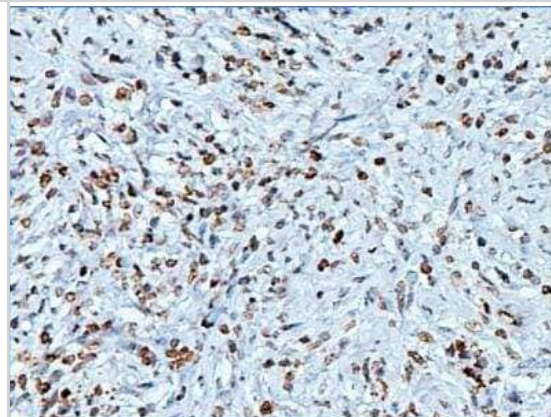
**NBP3-20192****Acetyl Histone H3 Antibody Pack**

<b>Product Information</b>	
<b>Unit Size</b>	8 Vials
<b>Concentration</b>	Concentration of individual antibodies may be found on the vial label. If unlisted please contact technical services.
<b>Storage</b>	Storage is content dependent.
<b>Product Description</b>	
<b>Description</b>	This pack contains 1 vial each of: NBP2-36468SS (0.025 mg), NB21-1074SS (0.025 mg), NB21-1024SS (0.025 mg), NB21-1144SS (0.025 mg), NB21-1164SS (0.025 mg), NB21-1254SS (0.025 mg), HAF007 (1.0 ml) and HAF008 (1.0 ml).
<b>Species</b>	Human, Mouse, Rat, C. elegans
<b>Reactivity Notes</b>	Antibodies in this pack are validated for use in the following species: NBP2-36468: Human, Mouse, Rat NB21-1074: C. elegans, Human, Mouse, Rat NB21-1024: C. elegans, Human, Mouse, Rat NB21-1144: C. elegans, Human, Mouse, Rat NB21-1164: C. elegans, Human, Mouse NB21-1254: C. elegans, Human, Mouse HAF008: Rabbit HAF007: Mouse
<b>Immunogen</b>	See individual datasheets
<b>Kit Components</b>	NBP2-36468SS, NB21-1074SS, NB21-1024SS, NB21-1144SS, NB21-1164SS, NB21-1254SS, HAF008: Goat anti-Rabbit IgG Secondary Antibody [HRP], HAF007: Goat anti-Mouse IgG Secondary Antibody [HRP]
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Dot Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation (ChIP)
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Dot Blot, Chromatin Immunoprecipitation (ChIP)
<b>Application Notes</b>	Antibodies in this pack are validated for the following applications:  NBP2-36468: Chromatin Immunoprecipitation, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Single Cell Western, Western Blot NB21-1074: Chromatin Immunoprecipitation, Dot Blot, Immunocytochemistry/Immunofluorescence, Western Blot NB21-1024: Chromatin Immunoprecipitation, Dot Blot, Immunocytochemistry/Immunofluorescence, Western Blot NB21-1144: Chromatin Immunoprecipitation, Dot Blot, Immunocytochemistry/Immunofluorescence, Western Blot NB21-1164: Chromatin Immunoprecipitation (Negative), Dot Blot, ICC/IF (Negative), Western Blot NB21-1254: Dot Blot, Western Blot HAF008: Immunohistochemistry, Western Blot HAF007: Immunohistochemistry, Western Blot

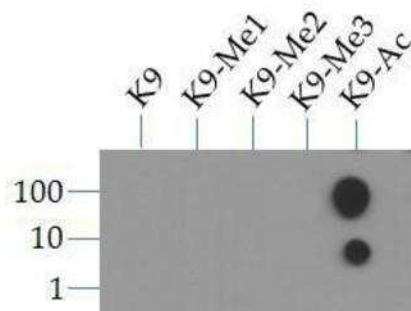


## Images

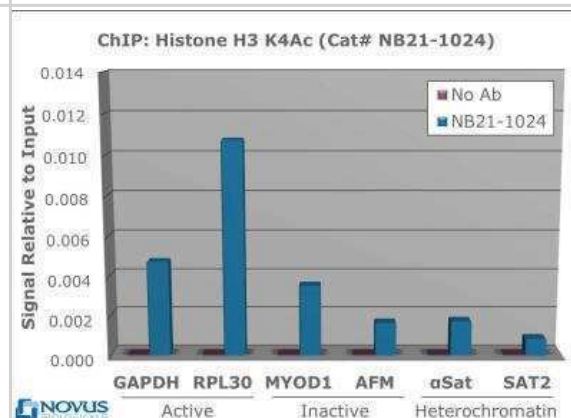
Histone H3 was detected in formalin fixed paraffin-embedded sections of human breast cancer using Anti-Human Histone H3 Monoclonal Antibody (Catalog # NBP2-36468) at 1:200 overnight at 4C. The staining was developed using an HRP labeled secondary antibody and DAB reagent, and nuclei of cells were counter-stained with hematoxylin.



Analysis of Histone H3 K9 acetyl with in picomoles of peptide with NB21-1074.



Chromatin from one million formaldehyde cross-linked Hela cells was used with 2ug of NB21-1024 and 20ul of magnetic IgG beads per immunoprecipitation. A no antibody (No Ab) control was also used. Immunoprecipitated DNA was quantified using quantitative real-time PCR and SYBR green dye, then normalized to the non-precipitated input chromatin, which is equal to one.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Antibody Packs are guaranteed for 1 year from date of receipt.

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