

# Product Datasheet

## Histone H3 Antibody - Azide and BSA Free NB100-747

Unit Size: 0.125 mg

Store at -20C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 6

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**NB100-747**

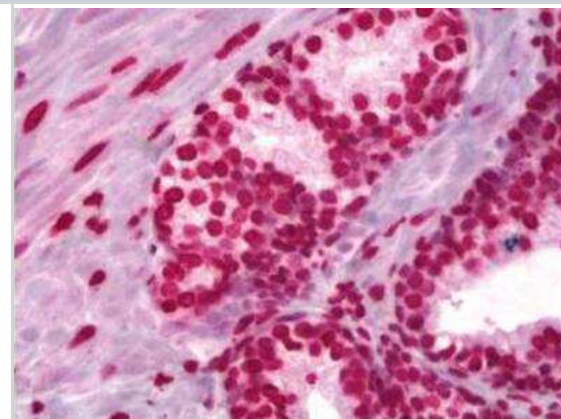
Histone H3 Antibody - Azide and BSA Free

Product Information	
<b>Unit Size</b>	0.125 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	15 kDa
Product Description	
<b>Description</b>	Novus Biologicals Sheep Histone H3 Antibody - Azide and BSA Free (NB100-747) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-Histone H3 Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Sheep
<b>Gene ID</b>	126961
<b>Gene Symbol</b>	H3C14
<b>Species</b>	Human, All Species, Bovine
<b>Specificity/Sensitivity</b>	This Histone H3 antibody exhibits minimal cross reactivity with linker histone H1 and no cross-reactivity with histone core proteins H2A, H2B, or H4.
<b>Immunogen</b>	This Histone H3 antibody was raised against intact calf histone H3 at 15.4 kD, 136 amino acids, complexed with RNA.
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Single Cell Western
<b>Recommended Dilutions</b>	Western Blot 1:300, Immunohistochemistry 1:100, Immunocytochemistry/Immunofluorescence, Immunoprecipitation 1:1000, Immunohistochemistry-Paraffin 1:100, Single Cell Western 100 ug/mL
<b>Application Notes</b>	Use in Immunocytochemistry/Immunofluorescence reported in scientific literature (PMID: 30123962). SCW is validated using primary murine germ cells.



## Images

Immunohistochemistry-Paraffin: Histone H3 Antibody [NB100-747] - Human Prostate 5 ug/ml.



## Publications

Dell'Orso S, Juan AH, Ko KD et al. Single-cell analysis of adult skeletal muscle stem cells in homeostatic and regenerative conditions *Development* 2019-03-19 [PMID: 30890574] (WB, Human)

Fernandez-Vega I, Diaz-Lucena D, Azkune Calle I et al. Sporadic Creutzfeldt-Jakob disease with glial PrPRes nuclear and perinuclear immunoreactivity *Neuropathology* 2018-08-19 [PMID: 30123962] (ICC/IF, Human)

Kasemeier-Kulesa JC, Schnell S, Woolley T et al. Predicting neuroblastoma using developmental signals and a logic-based model *Biophys. Chem.* 2018-07-01 [PMID: 29734136] (Human)

McLennan R, Bailey CM, Schumacher LJ et al. DAN (NBL1) promotes collective neural crest migration by restraining uncontrolled invasion. *J. Cell Biol.* 2017-08-15 [PMID: 28811280] (Human)

Dart DA et al. Recruitment of the cell cycle checkpoint kinase ATR to chromatin during S-phase. *J Biol Chem* 279:16433-40. 2004-01-01 [PMID: 17468514] (WB)

Capozzo AV, Burke DJ, Fox JW, Bergmann IE, La Torre JL, Grigera PR. Expression of foot and mouth disease virus non-structural polypeptide 3ABC induces histone H3 cleavage in BHK21 cells. *Virus Res*;90(1-2):91-9. 2002-12-01 [PMID: 12457965] (WB)



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### **Products Related to NB100-747**

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NB820-59425	Human Colon Whole Tissue Lysate (Adult Whole Tumor)
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF016	Donkey anti-Sheep IgG Secondary Antibody [HRP]
NL010	Donkey anti-Sheep IgG Secondary Antibody [NL557]
NBP1-97055-10mg	Sheep 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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